Remediation Summary & Deferral Request

Mewbourne Oil Company Hoss 11 SWD #1

Eddy County, New Mexico
Unit Letter "A", Section 11, Township 25 South, Range 28 East
Latitude 32.151553 North, Longitude 104.050179 West
NMOCD Reference No. nAPP2334251764

Prepared By:

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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 Mewbourne Oil Company, has prepared this *Remediation Summary & Deferral Request* for the release site known as the Hoss 11 SWD #1. Details of the release are summarized below:

_atitude <u>:</u>	32.151553		Longi	tude:		-104.050179
		Provided	d GPS are in WO	GS84 forma	at.	
Site Name:	Hoss 11 SWD #		Site Type			Tank Battery
Date Release Discovere	ed: 12/3	/2023	API # (if	applicab	ole):	30-015-44666
Unit Letter Sec	ction Tow	nship	Range		County	
"A"	11 2	.5S	28E		Eddy	
Surface Owner: Sta	ate Federal	Tribal X	Private	(Name		oy Elizabeth Cooksey
		Nature an	– id Volum	e of R	Release	
					I	
Crude Oil	Volume Release	ed (bbls)			Volume Recove	ered (bbls)
X Produced Water	Volume Release	ed (bbls)	458		Volume Recove	ered (bbls) 350
	Is the concentrat produced water			in the	X Yes	No N/A
Condensate	Volume Release	ed (bbls)			Volume Recove	ered (bbls)
Natural Gas	Volume Release	ed (Mcf)			Volume Recove	ered (Mcf)
X Other (describe)	Volume/Weight	Released	120		Volume/Weight	
Crude Oil Cause of Release:			120			68
A threaded steel nippl	le failed and parte	1.				
		In	itial Resp	onse		
X The source of the i	release has been sto	pped.				
X The impacted area	has been secured t	o protect huma	n health and	l the env	rironment.	
X Release materials	have been containe	d via the use o	f berms or d	ikes, abs	orbent pad, or oth	er containment devices
X All free liquids and	J	. 1 1 1		. 1	and ammanmiatales	

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

2.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)?	Between 51 and 75 (ft.)
What method was used to determine the depth to groundwater?	Estimate or Other
Did the release impact groundwater or surface water?	Yes X No
What is the minimum distance between the closest lateral extents of the release and the following surface areas?	
A continuously flowing watercourse or any other significant watercourse?	½ to 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	½ to 1 (mi.)
An occupied permanent residence, school, hospital, institution or church?	> 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	1 to 5 (mi.)
Any other fresh water well or spring?	1 to 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field?	> 5 (mi.)
A wetland?	½ to 1 (mi.)
A subsurface mine?	> 5 (mi.)
A (non-karst) unstable area?	½ to 1 (mi.)
Categorize the risk of this well/site being in a karst geology.	High
A 100-year floodplain?	½ to 1 (mi.)
Did the release impact areas not on an exploration, development, production or storage site?	Yes X 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 release site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. In addition, on August 17, 2020, an investigative soil boring/temporary monitor well was drilled at the Hoss 11 SWD #1 tank battery during the course of remediation activities for NMOCD Incident #nRM2018244476 in an effort to further investigate site characteristics and determine if shallow groundwater is present in the area. The investigative soil bore was advanced to a total depth of approximately 53 feet bgs and left open for 72 hours. No indications of inflow and/or accumulation of water were noted during the advancement of the soil bore or prior to plugging and abandonment. The location of the soil bore is depicted in Figures 2A and 2B. A drilling report is provided in Appendix A.

Additional NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish and Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; aerial imagery; and a karst survey conducted by a third-party contractor on August 15, 2020. The results are depicted in Figures 1, 2A, 2B, and 4. A copy of the karst survey is provided in Appendix E.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on background sampling conducted during the course of remediation activities for NMOCD Incident #nRM2018244476 (release date 6/29/2020), Mewbourne Oil Company requested NMOCD approval for a modified chloride closure criterion for the Hoss 11 SWD #1 location. The NMOCD Closure Criteria and NMOCD Reclamation Standards previously approved for the site are listed in the table on the following page. For additional information, please reference the email provided in Appendix F dated June 3, 2021, and the *Remediation Summary & Deferral Request* for Incident #nRM2018244476, which is available in the NMOCD Imaging System.

Closure Criteria for Soils Impacted by a Release

Probable Depth to Groundwater	('onstituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	1,060	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	100	100
>53 (ft.)	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	-	-
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

^{*} Measured in milligrams per kilogram (mg/kg)

4.0 REMEDIATION ACTIVITIES SUMMARY

Requesting a remediation plan approval with this submission?	X Yes No
Have the lateral and vertical extents of contamination been fully delineated?	X Yes No
Was this release entirely contained within a lined containment area?	Yes X No
On what estimated date did, or will, the remediation commence?	12/13/2023
On what date will (or was) the remediation complete(d)?	1/18/2024
What was the total surface area (sq. ft.) remediated?	35,486
What was the total volume (cy) remediated?	2,640
This remediation utilized the following processes to remediate/reduce contaminants: (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) (In Situ) Soil Vapor Extraction (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) Ground Water Abatement pursuant to 19.15.30 NMAC Other (Non-listed remedial process) Which OCD approved facility was or will be used for off-site disposal?	X Yes
NMOCD Disposal Facility ID?	Texas
Summarize any additional remediation activities not included by answers above.	See below

On December 13, 2023, remediation activities commenced at the Hoss 11 SWD #1 release site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The sidewalls and floor of the excavation were advanced until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards or to the extent practicable, based on the presence of the active SWD and associated containment areas, storage tanks, piping,

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

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

appurtenances, electrical facilities, etc. Representative five-point composite confirmation soil samples were collected every 200 square feet from the sidewalls and floor of the excavated area to be submitted for laboratory analysis. A summary of soil sampling events is provided below:

Constituent	Highest Observable Concentration (mg/kg)	Sample ID	Sample Date	Sample Depth (ft bgs)	Soil Status
Chloride	5,280	DEF-1 @ 1'	1/10/2024	1	In-Situ/Deferral
TPH	<30.0	All submitted soil samples	12/15/23 - 1/12/24	Various (0 - 6)	In-Situ
GRO + DRO	<20.0	All submitted soil samples	12/15/23 - 1/12/24	Various (0 - 6)	In-Situ
Benzene	< 0.050	All submitted soil samples	12/15/23 - 1/12/24	Various (0 - 6)	In-Situ
BTEX	< 0.300	All submitted soil samples	12/15/23 - 1/12/24	Various (0 - 6)	In-Situ

Please reference the attached Table 1.

On December 15, 2023, Etech collected 55 confirmation soil samples (NW-1, EW-1, SW-1, SW-2, WW-1, FL1 @ 4' through FL-38 @ 8", and FL-43 @ 6" through FL-54 @ 6") from the sidewalls and floor of the excavated area. The soil samples were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples, with the exception of soil samples SW-1 and WW-1, which exceeded the NMOCD Reclamation Standard for chloride. Based on these laboratory analytical results, the excavation was subsequently further advanced in the areas characterized by soil samples SW-1 and WW-1.

On December 18, 2023, Etech collected 39 confirmation soil samples (FL 39 @ 1 1/2 Ft through FL 42 @ 1 Ft, and FL 55 @ 6 In. through FL 89 @ 1') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples, with the exception of soil sample FL 65 @ 6", which exceeded the NMOCD Reclamation Standard for chloride. Based on these laboratory analytical results, the excavation was subsequently further advanced in the area characterized by soil sample FL 65 @ 6".

On December 19, 2023, Etech collected 20 confirmation soil samples (NW2, WW2, WW3, FL 90 @ 6" through FL 97 @ 6", and FL 142 @ 2' through FL 150 @ 3') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples, with the exception of soil sample FL 146 @ 3', which exceeded the NMOCD Reclamation Standard for chloride. Based on these laboratory analytical results, the excavation was subsequently further advanced in the area characterized by soil sample FL 146 @ 3'.

On December 20, 2023, Etech collected 21 confirmation soil samples (NW3, EW2 through EW5, FL 98 @ 3' through FL 106 @ 1', and FL 135 @ 2' through FL 141 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples, with the exception of soil samples FL 105 @ 1' and FL 106 @ 1', which exceeded the NMOCD Reclamation Standard for chloride. Based on these laboratory analytical results, the excavation was subsequently further advanced in the area characterized by soil samples FL 105 @ 1' and FL 106 @ 1'.

On December 21, 2023, Etech collected 13 confirmation soil samples (NW4, NW5, SW 1B, WW 1B, WW4, WW5, FL 107 @ 2 through FL 112 @ 1, and FL 134 @ 3) from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

On December 29, 2023, Etech collected four (4) confirmation soil samples (FL 105 @ 2', FL 106 @ 2', FL 113 @ 4', and FL 115 @ 4') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

On January 4, 2024, Etech collected six (6) confirmation soil samples (FL-114 @ 4', FL-119 @ 5' through FL-122 @ 2', and FL-146 @ 5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

On January 5, 2024, Etech collected five (5) confirmation soil samples (EW-6, SW-3, FL 65 @ 1', FL 123 @ 3', and FL 124 @ 3') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

On January 9, 2024, Etech collected 13 confirmation soil samples (NW-6, NW-7, NW-8, EW-7, EW-8, SW-4, WW-6 through WW-10, FL-125 @ 6", and FL-126 @ 6") from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

On January 10, 2024, Etech advanced three (3) hand-augered soil bores (DEF-1, DEF-2, and DEF-3) within the release margins in an effort to further characterize the affected area adjacent to and/or beneath on-site electrical facilities, piping, appurtenances, etc., requiring deferral of remediation (henceforth, "Deferral Area"). During the advancement of the hand-augered soil bores, soil samples were collected and field-screened for concentrations of chloride utilizing a chloride test kit and/or the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses. The soil bores were advanced in one (1) foot increments until field observations and field test data suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards. Based on this data, Etech submitted 12 deferral characterization soil samples (DEF-1 @ 1', DEF-1 @ 2', DEF-1 @ 3', DEF-1 @ 4', DEF-2 @ 1', DEF-2 @ 2', DEF-2 @ 3', DEF-2 @ 4', DEF-3 @ 1', DEF-3 @ 2', DEF-3 @ 3', and DEF-3 @ 4') to the laboratory for analysis of BTEX, TPH, and chloride.

Based on laboratory analytical results, the vertical extent of impacted soil was adequately defined and did not extend beyond four (4) feet bgs in the areas characterized by sample points DEF-1, DEF-2, and DEF-3. The horizontal extent of impacted soil in the Deferral Area was adequately defined in all cardinal directions by previously submitted excavation wall samples EW-6 and WW-10 and floor samples FL 113 @ 4', FL-114 @ 4', FL 115 @ 4', FL-119 @ 5', and FL-120 @ 5'.

On January 10, 2024, Etech also collected two (2) confirmation soil samples (EW-9 and SW-5) from the sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

On January 12, 2024, Etech collected seven (7) confirmation soil samples (FL-127 @ 6" through FL-133 @ 6") from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards in each of the submitted soil samples.

The final dimensions of the excavated area were approximately 232 to 340 feet in length, four (4) to 128 feet in width, and six (6) inches to six (6) feet in depth. During the course of remediation activities, Etech transported approximately 2,640 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 2,400 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

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

5.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene?	X Yes No
What was the total surface area (sq. ft.) reclaimed?	35,486
What was the total volume (cy) reclaimed?	1,759
What is the total surface area (sq. ft.) that will eventually be reclaimed?	2,130
What is the total volume (cy) that will eventually be reclaimed?	316

Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected areas were contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture free of noxious weeds during the first favorable growing season following closure of the site.

6.0 DEFERRAL REQUEST

Requesting a deferral of remediation closure due date with the approval of this submission?	X Yes 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				
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction?	X Yes No				
What is the remaining surface area (sq. ft.) that will still need to be remediated if a deferral is granted?	2,130				
What is the remaining volume (cy) that will still need to be remediated if a deferral is granted?	316				
Enter the facility ID (f#) on which the deferral should be granted:	fAPP2125745599				
Enter the API (30-) on which the deferral should be granted:	30-015-44666				
Contamination does not cause an imminent risk to human heath, the environmental or groundwater:	TRUE				

Remediation activities were conducted in accordance with applicable NMOCD regulatory guidelines. Impacted soil affected above the NMOCD Closure Criteria and NMOCD Reclamation Standards was excavated to the extent practicable and transported to an NMOCD-approved disposal facility. Laboratory analytical results from confirmation soil samples indicate insitu concentrations of BTEX and TPH are below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards. Remediation of chloride-impacted soil affected above the NMOCD Closure Criteria remaining in-situ in the Deferral Area will be completed upon decommissioning and abandonment of the SWD facility, in accordance with Sections 19.15.29.12 and 19.15.29.13 NMAC.

7.0 LIMITATIONS

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

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

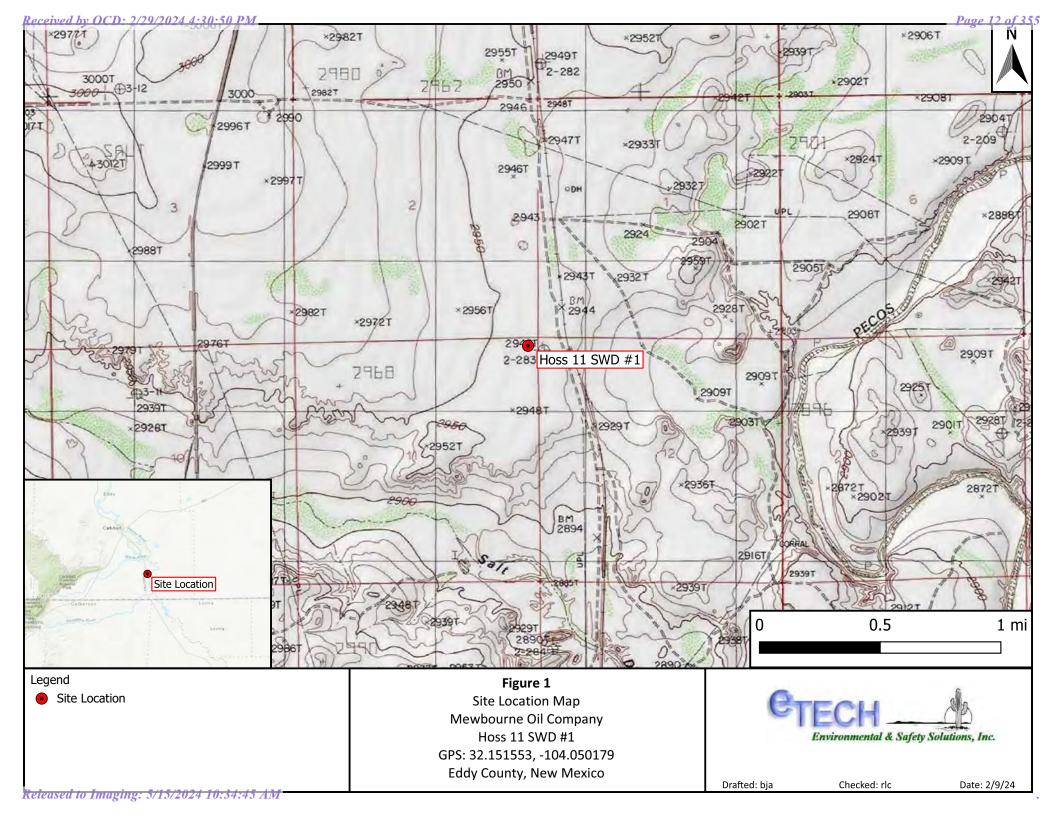
8.0 DISTRIBUTION

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

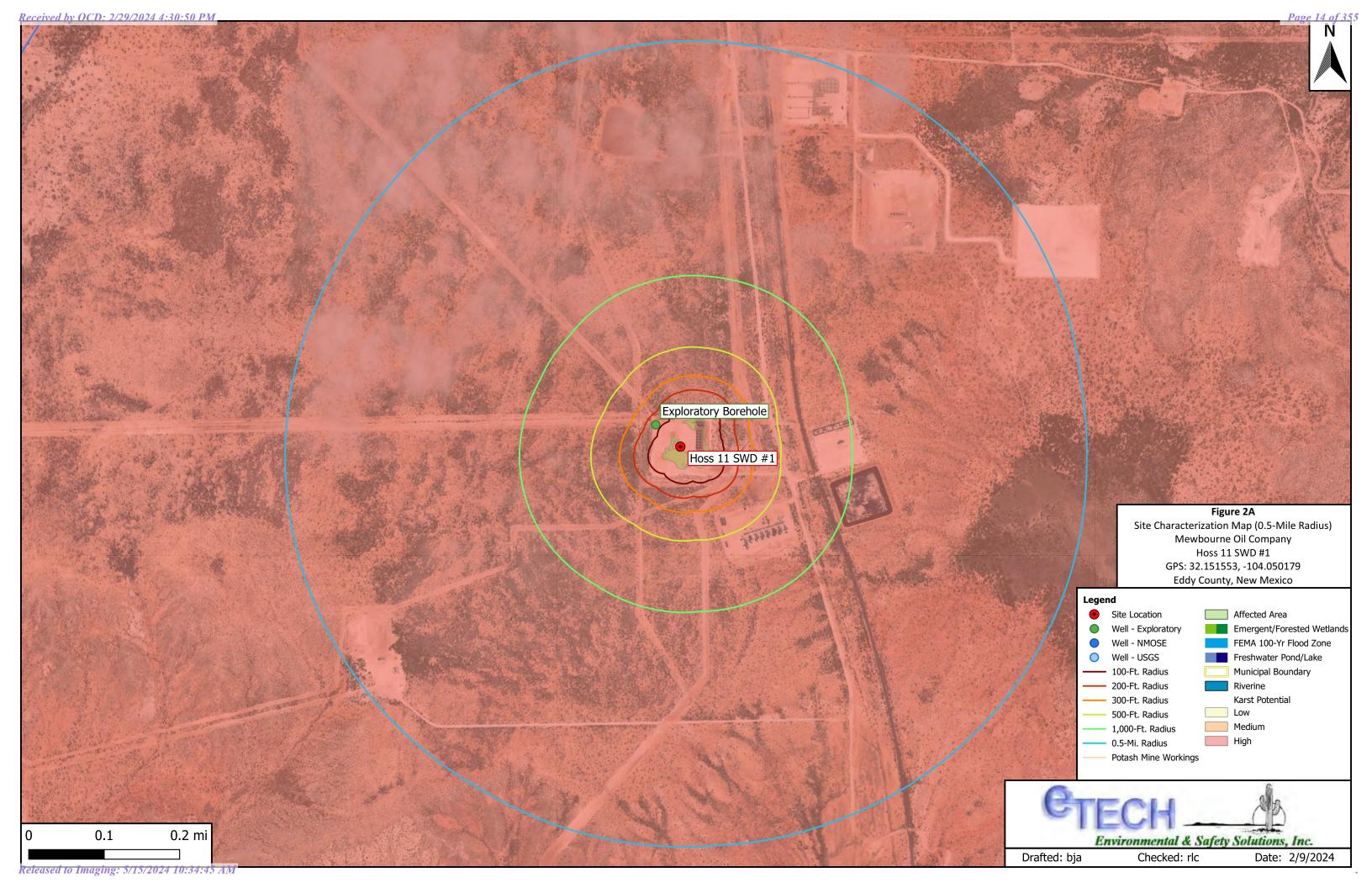
New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division, District 2 811 S. First Street Artesia, NM 88210

(Electronic Submission)

Figure 1 Site Location Map



Figures 2A & 2B Site Characterization Maps



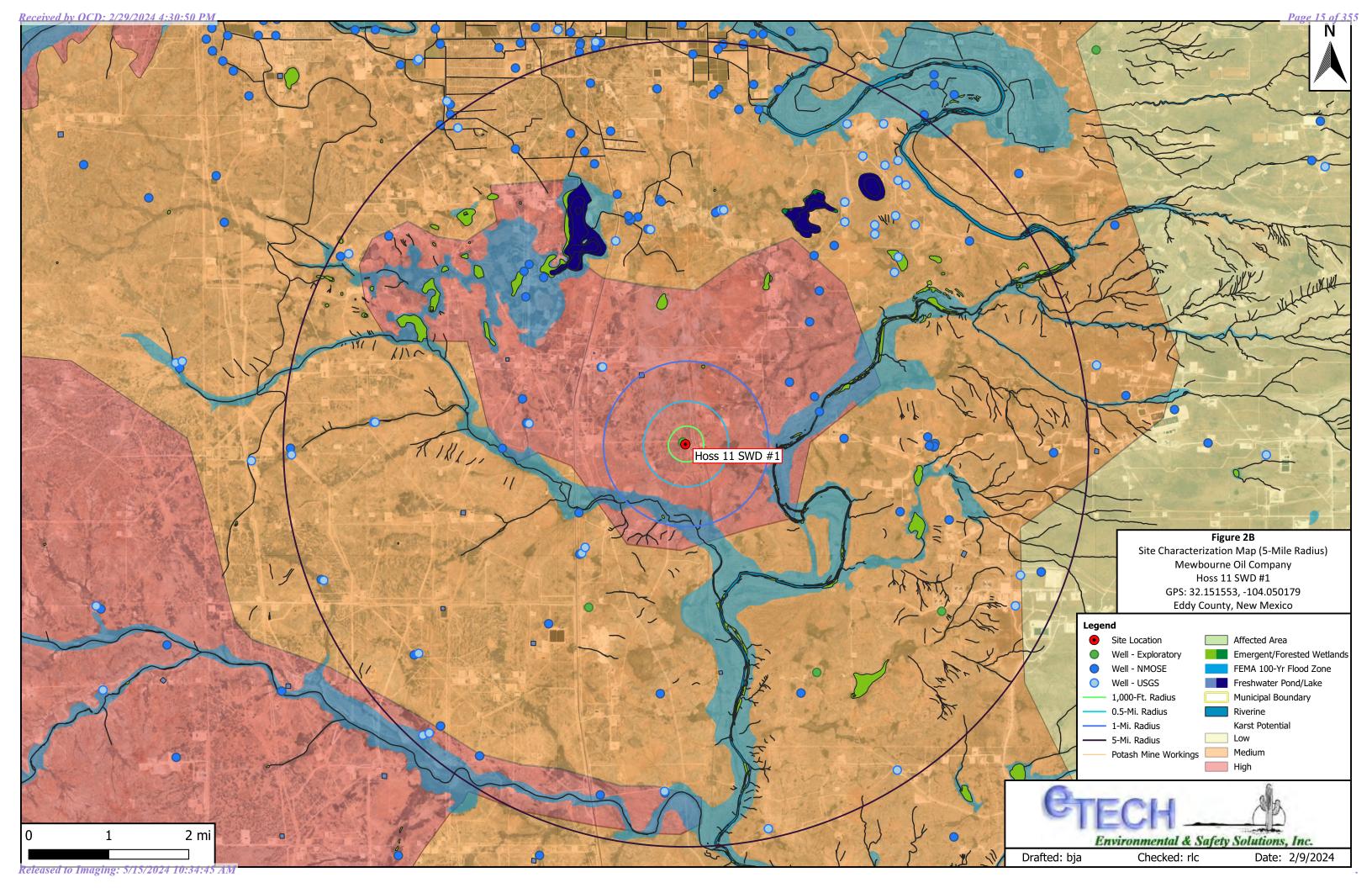


Figure 3 Sample Location Map



Table 1 Concentrations of BTEX, TPH & Chloride in Soil

					Table 1						
			Concentra	ations of B		H & Chlor	ride in Soi	ı			
Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company											
Hoss 11 SWD #1											
NMOCD Ref. #: nAPP2334251764											
NM	OCD Closure C	riteria		10	50	N/A	N/A	N/A	N/A	100	1,060
NMOC	D Reclamation	Standard		10	50	N/A	N/A	N/A	N/A	100	600
				SW 840	6 8021B		SW	846 8015M	Ext.		4500 Cl
Samula ID	Date	Depth	Soil Status	_		GRO	DRO	GRO+	ORO	ТРН	
Sample ID	Date	(Feet)	Son Status	Benzene (mg/kg)	BTEX (mg/kg)	C ₆ -C ₁₀	C ₁₀ -C ₂₈	DRO C ₆ -C ₂₈	C ₂₈ -C ₃₆	C ₆ -C ₃₆	Chloride (mg/kg)
				(g/g)	(g/g/	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(g/g)
	•]	Deferral Cha	racterization	Soil Sample	s	1	1		
DEF-1 @ 1'	1/10/2024	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,280
DEF-1 @ 2'	1/10/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	3,720
DEF-1 @ 3'	1/10/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,480
DEF-1 @ 4'	1/10/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	112
DEF-2 @ 1'	1/10/2024	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,520
DEF-2 @ 2'	1/10/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,520
DEF-2 @ 3'	1/10/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,600
DEF-2 @ 4'	1/10/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
DEF-3 @ 1'	1/10/2024	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,320
DEF-3 @ 2'	1/10/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,080
DEF-3 @ 3'	1/10/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,880
DEF-3 @ 4'	1/10/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
N1337 1	10/15/2022	0.1		· ·	osite Confirm			-20.0	-10.0	-20.0	40.6
NW-1	12/15/2023	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
NW2	12/19/2023	0-0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NW3 NW4	12/20/2023 12/21/2023	0-4	In-Situ In-Situ	<0.050	<0.300	<10.0 <10.0	<10.0 <10.0	<20.0 <20.0	<10.0	<30.0 <30.0	288 144
NW5	12/21/2023	0-3	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
NW-6	1/9/2024	0-3	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
NW-7	1/9/2024	0-0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
NW-8	1/9/2024	0-0.07	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
EW-1	12/15/2023	0-1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
EW2	12/20/2023	0-1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
EW3	12/20/2023	0-6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
EW4	12/20/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
EW5	12/20/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
EW-6	1/5/2024	0-5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
EW-7	1/9/2024	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW-8	1/9/2024	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
EW-9	1/10/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SW-1	12/15/2023	0-4	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	704
SW 1B	12/21/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
SW-2	12/15/2023	0-1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
SW-3	1/5/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
SW-4	1/9/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
SW-5	1/10/2024	0-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
WW-1	12/15/2023	0-1	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	784
WW 1B	12/21/2023	0-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	496
WW2	12/19/2023	0-1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WW3	12/19/2023	0-0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
WW4	12/21/2023	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
WW5	12/21/2023	0-2	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
WW-6	1/9/2024	0-4	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
WW-7	1/9/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	32.0

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

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Red outlined cell: Highest observable concentration.

Table 1
Concentrations of BTEX, TPH & Chloride in Soil
Mewbourne Oil Company
Hoss 11 SWD #1
NMOCD Ref. #: nAPP2334251764

NMO	CD Closure C	riteria	1/1	10	50	N/A	N/A	N/A	N/A	100	1,060
	Reclamation			10	50	N/A	N/A	N/A	N/A	100	600
Tuitoeb	- Reclamation	ounum u			5 8021B	IVA		846 8015M		100	4500 Cl
		Donath		511 040	00210			GRO +			4300 CI
Sample ID	Date	Depth (Feet)	Soil Status	Benzene	BTEX	GRO C ₆ -C ₁₀	DRO C ₁₀ -C ₂₈	DRO	ORO C ₂₈ -C ₃₆	ТРН С ₆ -С ₃₆	Chloride
		(= ===)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	C ₆ -C ₂₈	(mg/kg)	(mg/kg)	(mg/kg)
WW-8	1/9/2024	0-6	In-Situ	< 0.050	< 0.300	<10.0	13.2	(mg/kg) 13.2	<10.0	13.2	176
WW-9	1/9/2024	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
WW-10	1/9/2024	0-5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL1 @ 4'	12/15/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL2 @ 4'	12/15/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL3 @ 4'	12/15/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL4 @ 4'	12/15/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL5 @ 4'	12/15/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
	12/15/2023	2	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL6 @ 2'	ł – – – – – – – – – – – – – – – – – – –	1.5	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL7 @ 1.5' FL8 @ 8"	12/15/2023 12/15/2023	0.67	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL9 @ 1.5'	12/15/2023	1.5	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
	12/15/2023	1.5	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	592
FL10 @ 1.5' FL11 @ 8"	12/15/2023	0.67	In-Situ In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL11 @ 8 FL12 @ 8"											
	12/15/2023	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL13 @ 8"	12/15/2023	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL14 @ 8"	12/15/2023	0.67	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL15 @ 1.5'	12/15/2023	1.5	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FL16 @ 8"	12/15/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL17 @ 8"	12/15/2023	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
FL18 @ 8"	12/15/2023	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL19 @ 8"	12/15/2023	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL20 @ 8"	12/15/2023	0.67	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL21 @ 8"	12/15/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL22 @ 8"	12/15/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL23 @ 8"	12/15/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL24 @ 8"	12/15/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL25 @ 8"	12/15/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL26 @ 1.5'	12/15/2023	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL27 @ 1.5'	12/15/2023	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL28 @ 8"	12/15/2023		In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL29 @ 8"	12/15/2023		In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL30 @ 8"	12/15/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL31 @ 8"	12/15/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL32 @ 8"	12/15/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL33 @ 8"	12/15/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL-34 @ 8"	12/15/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL-35 @ 8"	12/15/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL-36 @ 8"	12/15/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL-37 @ 8"	12/15/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL-38 @ 8"	12/15/2023	0.67	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 39 @ 1 1/2 Ft	12/18/2023	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL 40 @ 1 1/2 Ft	12/18/2023	1.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 41 @ 1 Ft	12/18/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL 42 @ 1 Ft	12/18/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400

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

Bold: NMOCD Closure Criteria exceedance. *Red*: NMOCD Reclamation Standard exceedance.

Red outlined cell: Highest observable concentration.

Released to Imaging: 5/15/2024 10:34:45 AM

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Hoss 11 SWD #1 NMOCD Ref. #: nAPP2334251764

NMO	CD Closure C	ritorio	141	10 CD Re	50	N/A	N/A	N/A	N/A	100	1,060
	Reclamation			10	50	N/A	N/A	N/A	N/A	100	600
Типось		Standard			5 8021B	IVA		846 8015M		100	4500 Cl
		ъ л		5 W 040	0 0021B			GRO +			4500 CI
Sample ID	Date	Depth (Feet)	Soil Status	Benzene	BTEX	GRO	DRO	DRO	ORO	ТРН	Chloride
		(Peet)		(mg/kg)	(mg/kg)	C ₆ -C ₁₀ (mg/kg)	C ₁₀ -C ₂₈ (mg/kg)	C ₆ -C ₂₈	C ₂₈ -C ₃₆ (mg/kg)	C ₆ -C ₃₆ (mg/kg)	(mg/kg)
FI 42 0 (II	10/15/2022	0.5	T 0.1	-0.050	r0 200			(mg/kg)			200
FL-43 @ 6"	12/15/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL-44 @ 6"	12/15/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL-45 @ 6"	12/15/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	560
FL-46 @ 6"	12/15/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL-47 @ 6"	12/15/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	592
FL-48 @ 6"	12/15/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL-49 @ 6"	12/15/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL-50 @ 6"	12/15/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL-51 @ 6"	12/15/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL-52 @ 6"	12/15/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	304
FL-53 @ 6"	12/15/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL-54 @ 6"	12/15/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 55 @ 6 In.	12/18/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL 56 @ 6 In.	12/18/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	432
FL 57 @ 1 Ft	12/18/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 58 @ 1 Ft	12/18/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 59 @ 1 Ft	12/18/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 60 @ 1 Ft	12/18/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 61 @ 1 Ft	12/18/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 62 @ 1 Ft	12/18/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL 63 @ 6"	12/18/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	544
FL 64 @ 6"	12/18/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
FL 65 @ 6"	12/18/2023	0.5	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	688
FL 65 @ 1'	1/5/2024	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL 66 @ 6"	12/18/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 67 @ 6"	12/18/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 68 @ 6"	12/18/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
FL 69 @ 6"	12/18/2023	0.5	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 70 @ 6"	12/18/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 71 @ 6"	12/18/2023	0.5	In-Situ	<0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 72 @ 6"	12/18/2023		In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 72 @ 6"		0.5	In-Situ In-Situ		< 0.300	<10.0	<10.0	<20.0			256
FL 73 @ 6" FL 74 @ 6"	12/18/2023			<0.050					<10.0	<30.0	
	12/18/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL 75 @ 6"	12/18/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL 76 @ 6"	12/18/2023	0.5	In-Situ	< 0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 77 @ 6"	12/18/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 78 @ 6"	12/18/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL 79 @ 6"	12/18/2023	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 80 @ 6"	12/18/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 81 @ 6"	12/18/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 82 @ 6"	12/18/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 83 @ 6"	12/18/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL 84 @ 6"	12/18/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL 85 @ 1'	12/18/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 86 @ 6"	12/18/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	288

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

Bold: NMOCD Closure Criteria exceedance. *Red*: NMOCD Reclamation Standard exceedance.

Red outlined cell: Highest observable concentration.

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Hoss 11 SWD #1 NMOCD Ref. #: nAPP2334251764

NMO	CD Closure C	riteria	141	10	50	N/A	N/A	N/A	N/A	100	1,060
NMOCD Reclamation Standard		10	50	N/A	N/A	N/A	N/A	100	600		
1,1,1002				SW 846 8021B		SW 846 8015M Ext.			100	4500 Cl	
		Depth		511 040	0021B	CDO		GRO +		TDH	4300 CI
Sample ID	Date	(Feet)	Soil Status	Benzene	BTEX	GRO C ₆ -C ₁₀	DRO C ₁₀ -C ₂₈	DRO	ORO C ₂₈ -C ₃₆	TPH C ₆ -C ₃₆	Chloride
		,		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	C ₆ -C ₂₈	(mg/kg)	(mg/kg)	(mg/kg)
FL 87 @ 6"	12/18/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	(mg/kg) <20.0	<10.0	<30.0	304
FL 88 @ 1'	12/18/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 89 @ 1'	12/18/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 90 @ 6"	12/19/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 91 @ 6"	12/19/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 92 @ 6"	12/19/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 93 @ 6"	12/19/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 94 @ 6"	12/19/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 95 @ 6"	12/19/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 96 @ 6"	12/19/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 97 @ 6"	12/19/2023	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 98 @ 3'	12/20/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 99 @ 2'	12/20/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
FL 100 @ 2'	12/20/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 101 @ 2'	12/20/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 102 @ 2'	12/20/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 103 @ 2'	12/20/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 104 @ 2'	12/20/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 105 @ 1'	12/20/2023	1	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	816
FL 105 @ 2'	12/29/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 106 @ 1'	12/20/2023	1	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	800
FL 106 @ 2'	12/29/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 107 @ 2	12/21/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 108 @ 2	12/21/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528
FL 109 @ 2	12/21/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 110 @ 1	12/21/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 111 @ 1	12/21/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 112 @ 1	12/21/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 113 @ 4'	12/29/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL-114 @ 4'	1/4/2024	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL 115 @ 4'	12/29/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL-119 @ 5'	1/4/2024	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL-120 @ 5'	1/4/2024	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL-121 @ 2'	1/4/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL-122 @ 2'	1/4/2024	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 123 @ 3'	1/5/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 124 @ 3'	1/5/2024	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL-125 @ 6"	1/9/2024	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL-126 @ 6"	1/9/2024	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
FL-127 @ 6"	1/12/2024	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL-128 @ 6"	1/12/2024		In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL-129 @ 6"	1/12/2024		In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL-130 @ 6"	1/12/2024		In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL-131 @ 6"	1/12/2024		In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL-132 @ 6"	1/12/2024		In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
Dash (-): Sample not analyze											

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

Bold: NMOCD Closure Criteria exceedance. *Red*: NMOCD Reclamation Standard exceedance.

Red outlined cell: Highest observable concentration.

FL 149 @ 4'

FL 150 @ 3'

12/19/2023

12/19/2023

4

3

					Table 1						
	Concentrations of BTEX, TPH & Chloride in Soil										
				Mewbou	ırne Oil C	ompany					
				Hos	ss 11 SWI	#1					
			NI	MOCD Re	f. #: nAPl	23342517	764				
NMO	CD Closure C	riteria		10	50	N/A	N/A	N/A	N/A	100	1,060
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 ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	$GRO + DRO \\ C_6-C_{28} \\ (mg/kg)$	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL-133 @ 6"	1/12/2024	0.5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 134 @ 3	12/21/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 135 @ 2'	12/20/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 136 @ 3'	12/20/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
FL 137 @ 3'	12/20/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 138 @ 1'	12/20/2023	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 139 @ 3'	12/20/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 140 @ 3'	12/20/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
FL 141 @ 4'	12/20/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 142 @ 2'	12/19/2023	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL 143 @ 3'	12/19/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL 144 @ 5'	12/19/2023	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	432
FL 145 @ 6'	12/19/2023	6	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 146 @ 3'	12/19/2023	3	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	624
FL-146 @ 5'	1/4/2024	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 147 @ 3'	12/19/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
FL 148 @ 3'	12/19/2023	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352

< 0.300

< 0.300

<10.0

<10.0

<10.0

<10.0

<20.0

<20.0

<10.0

<10.0

<30.0

<30.0

240

480

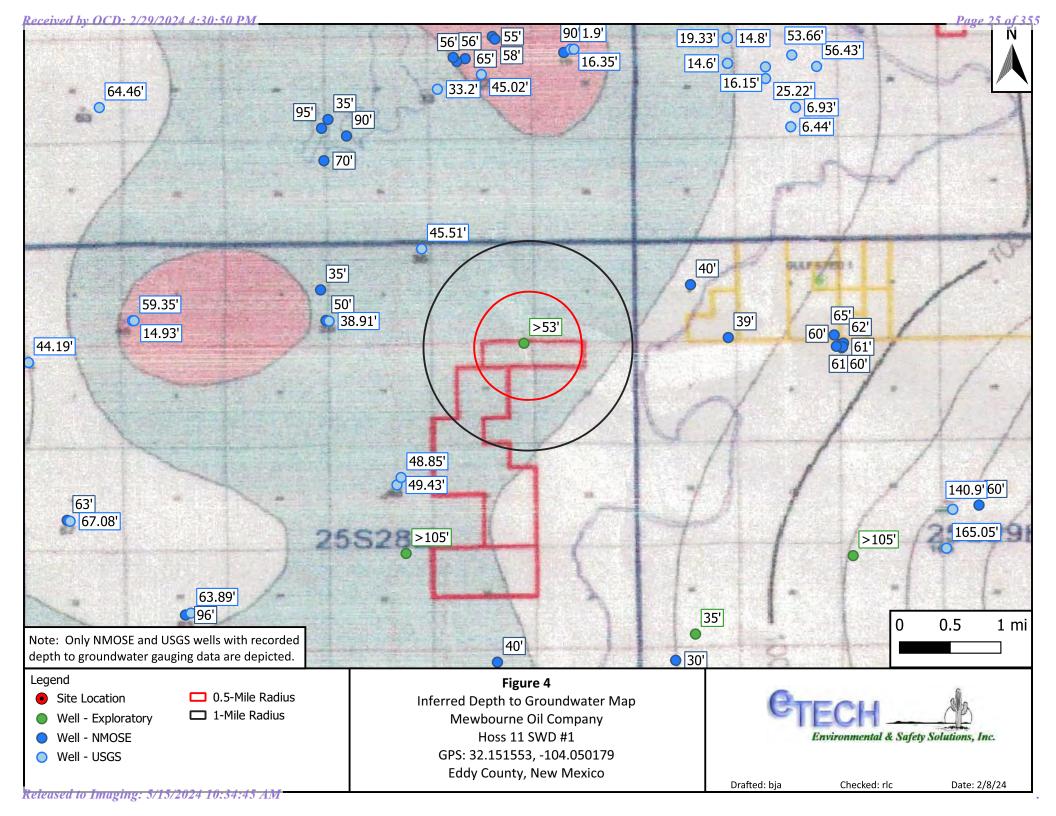
In-Situ

In-Situ

< 0.050

< 0.050

Appendix A Depth to Groundwater Information





P.O. Box 7269 Abilene, Texas 79608 Tel 325-690-0053 Fax 325-698-0055

Drill Report M1 0957

	1 ax 323-030 0033		Date: 7A3 -26 Cor	nputer#:
		Cu	stomer: Men boulne	# (2 North det
Prep Time \$\phi 530	C Standby	Lea	se/well: //095 // Sad	#1 2.00
Depart Shop	Arrived at Shop		ling Rig:	
	Total Hours		rement:	
Finished Job			ne Call#:	
Employees:	Mccrack	Cen, Shows	1. Dylin	
	Hole (Diameter x depth)	Pipe/cellar size	Total Drill Time	
Cellar				
Conductor				4
/louse				
lat				
Ground Level	Drilling condition	ns (describe material; r	ock, sand, gravel, clay, color o	f material, water zones, etc)
	53 INS	de Contain	ment "No we	
	17 0075	, de	During	22:26
	Rowhide		J	
	105 Pas	on Rouh	de "No water	ex-
			X vzina	8.66
			0)	
Total Depth				
	Total yards poured:		# Cement Trucks:	(volumetric/roller)
Cement	(in-house)	Squeezed by:		(list third party)
Cement Employees:				
Water trucks (in h	ouse) #:	3rd party water/vac	:#:	
Drilling mud Bbls:				
Bullet teeth Qty:		Fencing provided?	yes no Type of fen	cing
Job Notes	-			



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

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

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

C=the file is

closed)

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

(quarters are smallest to

largest) (NAD83 UTM in meters)

(In feet)

	POE Sub		QQ	Q							,	Water
POD Number	Code basi	n County	y 64 16	4 Sec	c Tws	Rng	Х	Υ	Distance	epthWellD	epthWaterC	olumn
C 04715 POD1	CUB	ED	3 4	4 34	24S	28E	587786	3559440	2541	40		
C 01880	С	ED	3 3	2 06	25S	29E	592161	3558605*	2768	85	40	45
C 04680 POD1	С	ED	3 1	3 03	25S	28E	586440	3558089	3163	105	52	53
C 04493 POD1	CUB	ED	4 4	4 06	25S	29E	592760	3557765	3193	57	39	18

Average Depth to Water: 43 feet

Minimum Depth: 39 feet

Maximum Depth: 52 feet

Record Count:4

UTMNAD83 Radius Search (in meters):

Easting (X): 589569.57 **Northing (Y):** 3557629.5 **Radius:** 3218.7

*UTM location was derived from PLSS - see Help

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

2/26/24 3:00 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**

Q64 Q16 Q4 Sec Tws Rng

X

C 04715 POD1 NA

Drill Start Date: 03/02/2023

34 24S 28E

3559440

587786

Driller License: 1229

Driller Company:

CARTER'S WELL DRILLING

Driller Name:

RICHARD CARTER

03/16/2023

Plug Date:

Log File Date:

04/24/2023

6.50

Drill Finish Date:

Source:

PCW Rcv Date:

Depth Well:

Pump Type: Casing Size: Pipe Discharge Size:

40 feet

Depth Water:

Estimated Yield:

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.

2/26/24 3:00 PM



25S 29E

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**

Q64 Q16 Q4 Sec Tws Rng 06

X

592161 3558605*

Driller License: 46

Driller Company:

ABBOTT BROTHERS COMPANY

Driller Name: MURRELL ABBOTT

C 01880

Drill Start Date: 10/29/1979

7.00

Drill Finish Date:

10/30/1979

Plug Date:

Shallow

Log File Date:

PCW Rcv Date: 11/05/1979

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

85 feet

Depth Water: 40 feet

Water Bearing Stratifications:

Top Bottom Description

40

85 Sandstone/Gravel/Conglomerate

Casing Perforations:

Top Bottom

40 60

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.

2/26/24 3:00 PM

^{*}UTM location was derived from PLSS - see Help



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

(quarters are smallest to largest)

(NAD83 UTM in meters)

586440

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng C 04680 POD1 210D1 03 25S 28E

X

3558089

Driller License: 1058 Driller Company: KEY'S DRILLING & PUMP SERVICE

Driller Name: GARY KEY

Plug Date: **Drill Start Date:** 09/28/2023 **Drill Finish Date:** 09/29/2023

Log File Date: **PCW Rcv Date:** Source: Shallow 10/25/2023 **Pump Type:** Pipe Discharge Size: Estimated Yield: 8 GPM Casing Size: 5.00 **Depth Well:** 105 feet **Depth Water:** 52 feet

> Water Bearing Stratifications: **Top Bottom Description** 64 Sandstone/Gravel/Conglomerate

Sandstone/Gravel/Conglomerate 90

Top Bottom **Casing Perforations:** 105 65

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.

2/26/24 3:01 PM



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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**

Drill Start Date: 11/18/2020

Q64 Q16 Q4 Sec Tws Rng

X

NA

C 04493 POD1

06 25S 29E 592760

3557765

Driller License: 1249

Driller Company:

ATKINS ENGINEERING ASSOC. INC.

Driller Name:

JACKIE D ATKINS

Drill Finish Date:

Plug Date:

11/23/2020

Log File Date:

11/18/2020

12/17/2020

PCW Rcv Date:

Depth Well:

Source:

Shallow

Pump Type:

Casing Size:

Pipe Discharge Size:

Estimated Yield: 0 GPM

57 feet

Depth Water:

39 feet

Water Bearing Stratifications:

Top Bottom Description

29

57 Sandstone/Gravel/Conglomerate

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.

2/26/24 3:01 PM

An official website of the United States government Here's how you know

MENU

MENU

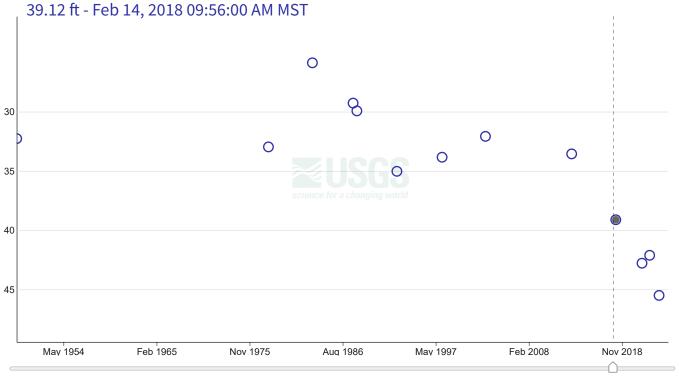
IMPORTANT Inventory Page i



1 year 10 years Period of record

25S.28E.03.22231 - 320956104040101

December 6, 1948 - February 26, 2024 **Depth to water level, ft below land surface**



IMPORTANT Data may be provisional

O Field visit

Hide legend ^

	Value	Status	
Selected	39.12 ft	Approved	
Feb 14, 2018 09:56:00 AM MST			

Hide graph details ^

Statistics are not currently supported for the data type:

Hide statistics ^

Change time span

Download data

View data records

Start typing a time code to filter the Time column:

г			
1			
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1			
1			
1			
1			
-			

Depth to water level, ft below land surface -- field visit data

Time ↓	Result	Accuracy	Approval	Qualifiers
2023-02-14T10:44:00.000-07:00	45.51	0.01	Approved	Static
2022-01-13T11:36:00.000-07:00	42.12	0.01	Approved	Static
2021-02-24T12:00:00.000-07:00	42.79	0.01	Approved	Static
2018-02-14T09:56:00.000-07:00	39.12	0.01	Approved	Static
2013-01-10T14:20:00.000-07:00	33.56	0.01	Approved	Static
2003-01-27T00:00:00.000-07:00	32.08	0.01	Approved	Static
1998-01-23T00:00:00.000-07:00	33.84	0.01	Approved	Static
1992-11-04T00:00:00.000-07:00	35.03	0.01	Approved	Static
1988-03-22T00:00:00.000-07:00	29.93	0.01	Approved	Static
1987-10-14T00:00:00.000-06:00	29.27	0.01	Approved	Static
1983-02-01T00:00:00.000-07:00	25.87	0.01	Approved	Static
1978-01-03T00:00:00.000-07:00	32.97	0.01	Approved	Static
1948-12-06T00:00:00.000-07:00	32.27	0.01	Approved	Static

Hide view data records ^

Select data to graph

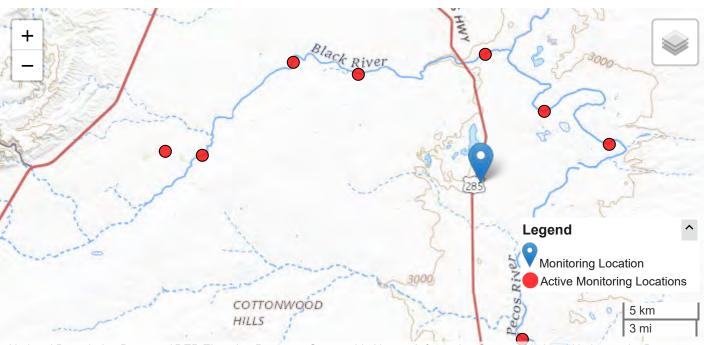
Depth to water level, ft below land surface	1948-12-06 to 2023-02-14
Groundwater level above NAVD 1988, ft	1948-12-06 to 2023-02-14
Groundwater level above NGVD 1929, feet	1948-12-06 to 2023-02-14
Monitoring camera	<u> </u>

There are no cameras currently available at this monitoring location.

Groundwater data BETA

Why don't I see a groundwater graph?

No groundwater level statistical daily data has been reported for this location.



v: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset,...

Interested in understanding how to access the upstream/downstream data? <u>Learn about the Network-Linked Data Index (NLDI)</u>

Summary of available field and laboratory sample data

No sample data is available.

Summary of all available data

USGS Parameter Group	Questions or Comments	Start Date	End Date
Physical	Groundwater Levels	1948-12- 06	2023-02- 14
n/a	USGS Active Groundwater Level Network Site	1948-01- 01	2021-01- 01

Water Data for the Nation inventory

Location metadata —

Monitoring location 320956104040101 is associated with a Well in Eddy County, New Mexico. Water data back to 1948 are available online.

Metadata Element	Location Metadata	Metadata Code
Agency 1	U.S. Geological Survey	USGS
Site identification number	320956104040101	n/a
Site name 1	25S.28E.03.22231	n/a
Site type •	Well •	GW
DMS latitude	320956.2	n/a
DMS longitude	1040404.1	n/a
Decimal latitude	32.1656111	n/a
Decimal longitude	-104.0678056	n/a

Metadata Element	Location Metadata	Metadata Code
Latitude- longitude method	Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)	G
Latitude- longitude accuracy	Accurate to + or - 3 sec (SPS GPS).	R
Latitude- longitude datum	North American Datum of 1983	NAD83
Decimal Latitude- longitude datum	North American Datum of 1983	NAD83
District 6	New Mexico	35
State State	New Mexico	35
County 1	Eddy County	015
Country	US	n/a
Land net location description	NENENES03 T25S R28E	n/a
Name of location map	MALAGA	n/a
Scale of location map	24000	n/a
Altitude of Gage/land surface	2990.20	n/a
Method altitude determined	Interpolated from topographic map.	М

Metadata Element	Location Metadata	Metadata Code
Altitude accuracy	05	n/a
Altitude datum	National Geodetic Vertical Datum of 1929	NGVD29
Subbasin hydrologic unit		13060011
Drainage basin		n/a
Topographic setting		n/a
Flags for instruments at site	ИИИИИИИИИИИИИИИИИИИИИИИИИИИИИИИИ	n/a
Date of first construction		n/a
Date site established or inventoried		n/a
Drainage area		n/a
Contributing drainage area		n/a
Time Zone abbreviation	MST	n/a
Site honors Daylight Saving Time	Υ	n/a

Metadata Element	Location Metadata	Metadata Code
Data reliability	Unchecked data.	U
Data-other GW files	YYNYNYNN	n/a
National aquifer	Other aquifers	N9999OTHER
Local aquifer	Rustler Formation	312RSLR
Local aquifer type		n/a
Well depth		n/a
Hole depth •		n/a
Source of depth data		n/a
Project number	463527100	n/a

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25S.28E.15.23231 -320758104041601

December 6, 1948 - February 26, 2024 Depth to water level, ft below land surface



IMPORTANT Data may be provisional

O Field visit

Hide legend ^

	Value	Status	
Selected	48.85 ft	Approved	
Dec 06, 1948 12:00:00 AM GMT-7			

Hide graph details ^

Statistics are not currently supported for the data type:

Hide statistics ^

Change time span Download data

View data records

Start typing a time code to filter the Time column:

Depth to water level, ft below land surface -- field visit data

Time ↓	Result	Accuracy	Approval	Qualifiers
1948-12-06T00:00:00.000-07:00	48.85	0.01	Approved	Static

Hide view data records ^

Select data to graph

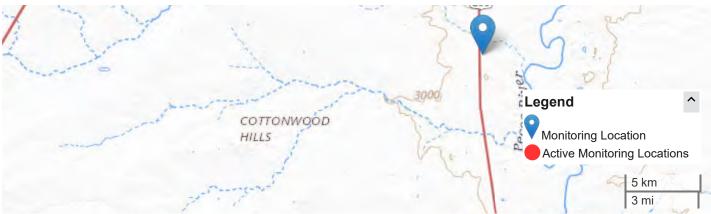
octoot auta to Brake.			
Depth to water level, ft below land surface	1948-12-06 to 1948-12-06		
Groundwater level above NAVD 1988, ft	1948-12-06 to 1948-12-06		
Groundwater level above NGVD 1929, feet	1948-12-06 to 1948-12-06		
Monitoring camera —			
There are no cameras currently available at this monitoring location.			

Groundwater data BETA

Why don't I see a groundwater graph?

No groundwater level statistical daily data has been reported for this location.





v: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset,...

Interested in understanding how to access the upstream/downstream data? <u>Learn about the Network-Linked Data Index (NLDI)</u>

Summary of available field and laboratory sample data

No sample data is available.

Summary of all available data

USGS Parameter Group	Data Types	Start Date	End Date
Physical	Groundwater Levels	1948-12-06	1948-12-06

Water Data for the Nation inventory

Location metadata

Monitoring location 320758104041601 is associated with a Well in Eddy County, New Mexico. Water data back to 1948 are available online.

Metadata Element	Location Metadata	Metadata Code
Agency •	U.S. Geological Survey	USGS
Site identification number	320758104041601	n/a
Site name	25S.28E.15.23231	n/a

Metadata Element	Location Metadata	Metadata Code
Site type	Well •	GW
DMS latitude	320758	n/a
DMS longitude	1040416	n/a
Decimal latitude	32.1329005	n/a
Decimal longitude	-104.0716005	n/a
Latitude-longitude method	Interpolated from MAP.	М
Latitude-longitude accuracy	Accurate to + or - 10 sec.	Т
Latitude-longitude datum •	North American Datum of 1927	NAD27
Decimal Latitude- longitude datum	North American Datum of 1983	NAD83
District •	New Mexico	35
State •	New Mexico	35
County •	Eddy County	015
Country	US	n/a
Land net location description	NESWNES15 T25S R28E	n/a
Name of location map		n/a
Scale of location map		n/a

Metadata Element	Location Metadata	Metadata Code
Altitude of Gage/land surface	2962	n/a
Method altitude determined	Interpolated from Digital Elevation Model	N
Altitude accuracy	4.3	n/a
Altitude datum ①	North American Vertical Datum of 1988	NAVD88
Subbasin hydrologic unit		13060011
Drainage basin •		n/a
Topographic setting		n/a
Flags for instruments at site	иииииииииииииииииииииииииииииииииииииии	n/a
Date of first construction •		n/a
Date site established or inventoried		n/a
Drainage area •		n/a
Contributing drainage area		n/a
Time Zone abbreviation	MST	n/a
Site honors Daylight Saving Time	Υ	n/a

Metadata Element	L Questions or Comments	Metadata Code
Data reliability •	Unchecked data.	U
Data-other GW files	YYNYNYNN	n/a
National aquifer	Other aquifers	N9999OTHER
Local aquifer	Rustler Formation	312RSLR
Local aquifer type		n/a
Well depth		n/a
Hole depth •		n/a
Source of depth data		n/a
Project number	463527100	n/a

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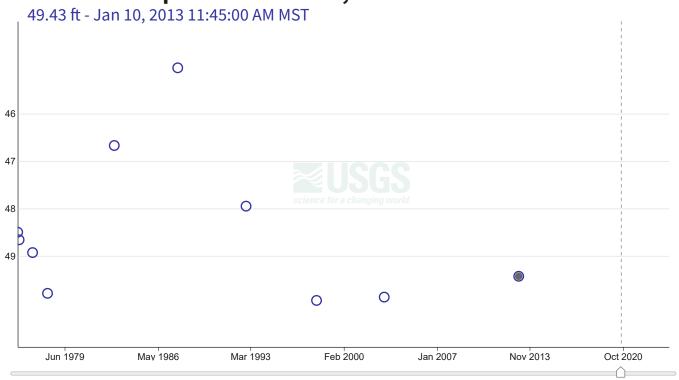




1 year 10 years Period of record

25S.28E.15.23000 - 320749104041001

December 9, 1975 - February 26, 2024 **Depth to water level, ft below land surface**



IMPORTANT Data may be provisional

O Field visit

Hide legend ^

	Value	Status
Selected	49.43 ft	Approved
Jan 10, 2013 11:45:00 AM MST		

Hide graph details ^

Statistics are not currently supported for the data type:

Hide statistics ^

Change time span

Download data

View data <u>records</u>

Start typing a time code to filter the Time column:					

Depth to water level, ft below land surface -- field visit data

Time [↓]	Result	Accuracy	Approval	Qualifiers
2013-01-10T11:45:00.000-07:00	49.43	0.01	Approved	Static
2003-01-27T00:00:00.000-07:00	49.87	0.01	Approved	Static
1998-01-23T00:00:00.000-07:00	49.94	0.01	Approved	Static
1992-11-04T00:00:00.000-07:00	47.95	0.01	Approved	Above, Pumping
1987-10-14T00:00:00.000-06:00	45.03	0.01	Approved	Static
1983-02-01T00:00:00.000-07:00	46.67	0.01	Approved	Static
1978-02-23T00:00:00.000-07:00	49.79	0.01	Approved	Static
1977-01-14T00:00:00.000-07:00	48.93	0.01	Approved	Static
1976-01-16T00:00:00.000-07:00	48.66	0.01	Approved	Static
1975-12-09T00:00:00.000-07:00	48.50	0.01	Approved	Static

Hide view data records ^

Select data to graph

O Depth to water level, ft below land surface	1975-12-09 to 2013-01-10
Groundwater level above NAVD 1988, ft	1975-12-09 to 2013-01-10
Groundwater level above NGVD 1929, feet	1975-12-09 to 2013-01-10

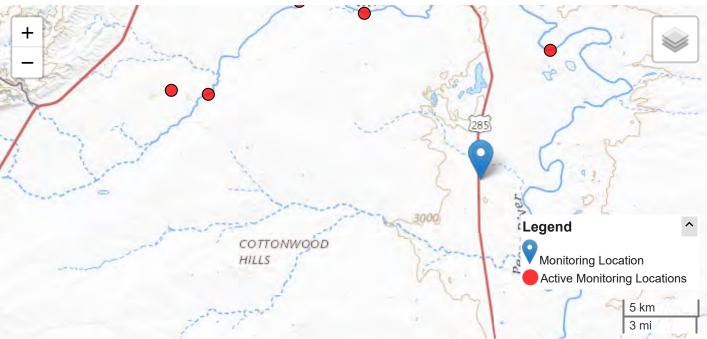
Monitoring camera

There are no cameras currently available at this monitoring location.

Groundwater data BETA

Why don't I see a groundwater graph?

No groundwater level statistical daily data has been reported for this location.



v: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset,...

Interested in understanding how to access the upstream/downstream data? <u>Learn about the Network-Linked Data Index (NLDI)</u>

Summary of available field and laboratory sample data

No sample data is available.

Summary of all available data

US	GS Parameter Group	Data Types	Start Date	End Date
Phy	ysical	Groundwater Levels	1975-12-09	2013-01-10

Water Data for the Nation inventory

Location metadata

Monitoring location 320749104041001 is associated with a Well in Eddy County, New Mexico. Water data back to 1975 are available online.

Metadata Element	Location Metadata	Metadata Code
Agency (U.S. Geological Survey	USGS
Site identification number	320749104041001	n/a
Site name 6	25S.28E.15.23000	n/a
Site type •	Well •	GW
DMS latitude	320754.6	n/a
DMS longitude	1040420.3	n/a
Decimal latitude	32.13183333	n/a
Decimal longitude	-104.0723056	n/a
Latitude- longitude method	Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)	G
Latitude- longitude accuracy •	Questions or Comments Accurate to + or - 3 sec (SPS GPS).	R
Latitude- longitude datum	North American Datum of 1983	NAD83

Metadata Element	Location Metadata	Metadata Code
Decimal Latitude- longitude datum	North American Datum of 1983	NAD83
District 1	New Mexico	35
State •	New Mexico	35
County 6	Eddy County	015
Country	US	n/a
Land net location description	SWNE S15 T25S R28E	n/a
Name of location map	MALAGA	n/a
Scale of location map	24000	n/a
Altitude of Gage/land surface	2949.30	n/a
Method altitude determined	Interpolated from topographic map.	М
Altitude accuracy	05	n/a
Altitude datum	National Geodetic Vertical Datum of 1929	NGVD29
Subbasin hydrologic unit		13060011
Drainage basin		n/a

Metadata Element	Location Metadata	Metadata Code
Topographic setting		n/a
Flags for instruments at site	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN	n/a
Date of first construction (i)		n/a
Date site established or inventoried		n/a
Drainage area		n/a
Contributing drainage area		n/a
Time Zone abbreviation	MST	n/a
Site honors Daylight Saving Time	Υ	n/a
Data reliability	Unchecked data.	U
Data-other GW files	YYNYNYNN	n/a
National aquifer	Other aquifers	N9999OTHER
Local aquifer	Rustler Formation	312RSLR
Local aquifer type		n/a

Metadata Element	Location Metadata	Metadata Code
Well depth	70	n/a
Hole depth 1		n/a
Source of depth data		n/a
Project number	463527100	n/a

Appendix B Photographic Log





Photo Number:

3

Photo Direction:

North

Photo Description:



View of the affected area.

Photo Number:

4

Photo Direction:

South

Photo Description:



Photo Number:

5

Photo Direction:

South

Photo Description:



View of the affected area.

Photo Number:

6

Photo Direction:

North

Photo Description:



Photo Number:

7

Photo Direction:

South

Photo Description:

View of the affected area.



Photo Number:

8

Photo Direction:

West

Photo Description:

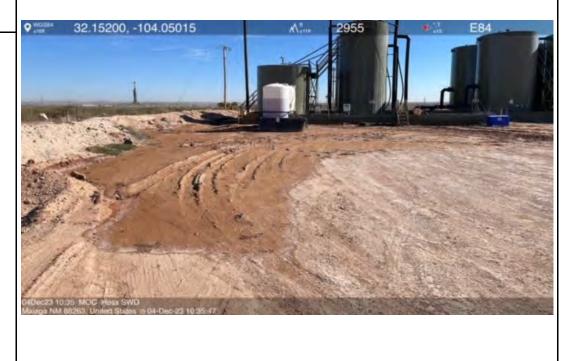


Photo Number:

Photo Direction:

East

Photo Description:



View of the affected area.

Photo Number:

10

Photo Direction:

North

Photo Description:



Photo Number:

11

Photo Direction:

Northwest

Photo Description:



View of the excavated area.

Photo Number:

12

Photo Direction:

West-Northwest

Photo Description:



Photo Number:

13

Photo Direction: West-Northwest

Photo Description:



View of the excavated area.

Photo Number:

14

Photo Direction: West-Southwest

Photo Description:



Photo Number:

15

Photo Direction:

West

Photo Description:

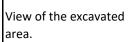




Photo Number:

16

Photo Direction:

Southwest

Photo Description:



Photo Number:

17

Photo Direction: South-Southwest

Photo Description:



View of the Deferral Area.

Photo Number:

18

Photo Direction: South-Southeast

Photo Description:

View of the Deferral Area and a portion of the excavated area.



Photo Number:

19

Photo Direction: South-Southeast

Photo Description:

View of the excavated area.



Photo Number:

20

Photo Direction:South

Photo Description:



Photo Number:

21

Photo Direction: South

Photo Description:

View of the excavated area.



Photo Number:

22

Photo Direction:

East

Photo Description:



Photo Number:

23

Photo Direction:

East

Photo Description:

View of the excavated area.



Photo Number:

24

Photo Direction:

West-Southwest

Photo Description:



Photo Number:

25

Photo Direction:

West-Southwest

Photo Description:

View of the excavated area.



Photo Number:

26

Photo Direction:

West

Photo Description:



Photo Number:

27

Photo Direction: East-Northeast

Photo Description:

•

View of the remediated area after backfill and regrading.

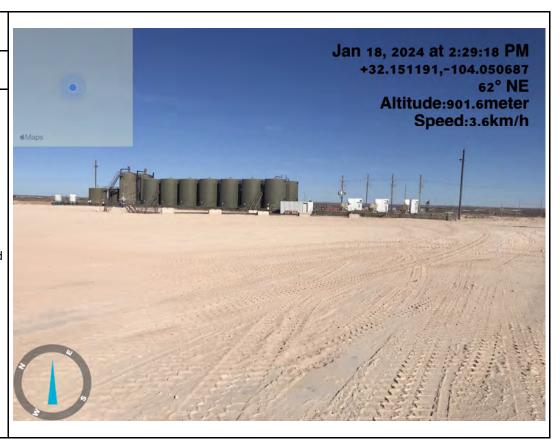


Photo Number:

28

Photo Direction:

Northwest

Photo Description:



Photo Number:

29

Photo Direction:

Northeast

Photo Description:

View of the remediated area after backfill and regrading.

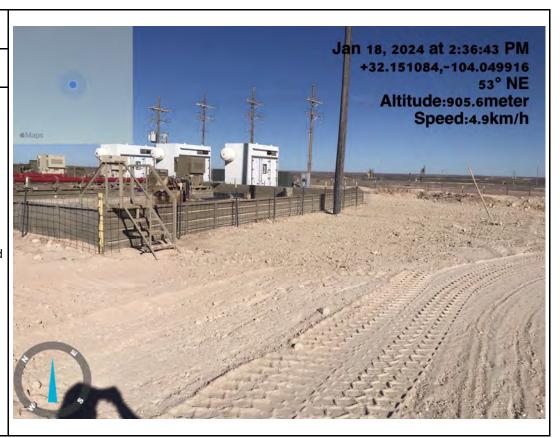


Photo Number:

30

Photo Direction:

North-Northeast

Photo Description:

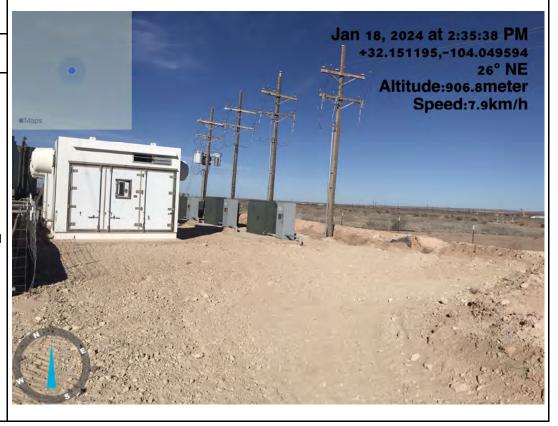


Photo Number:

31

Photo Direction: South-Southeast

Photo Description:

View of the remediated area after backfill and regrading.



Photo Number:

32

Photo Direction:

Southeast

Photo Description:



Photo Number:

33

Photo Direction: North

Photo Description:

View of the remediated area after backfill and regrading.

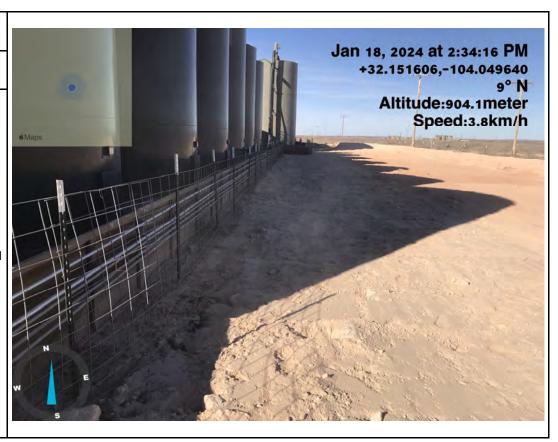


Photo Number:

34

Photo Direction: South-Southeast

Photo Description:

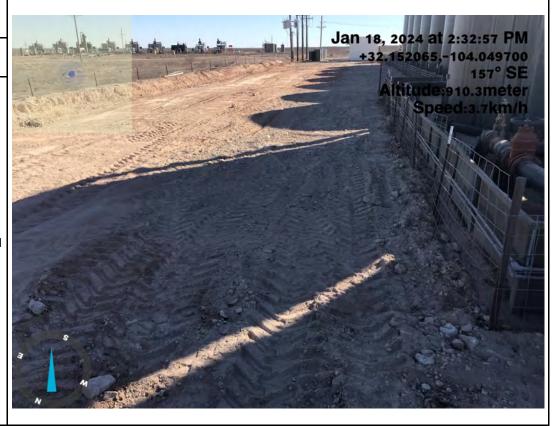


Photo Number:

35

Photo Direction:

West

Photo Description:

View of the remediated area after backfill and regrading.



Photo Number:

36

Photo Direction:

East-Northeast

Photo Description:



Photo Number:

37

Photo Direction:

Northeast

Photo Description:



View of the remediated area after backfill and regrading.

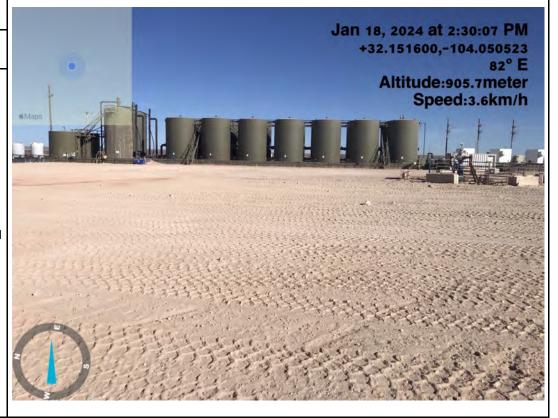
Photo Number:

38

Photo Direction:

East

Photo Description:



Appendix C Field Data



Project:

Hoss SWD #001H

Project Number: -104.0501793 Latitude: 32.1515588 19452 Longitude:

Sample ID	PID/Odor	Chloride Conc.	GPS
FL108,11 7.2		1944	
Fl288in 70		1816	
FL1012 6.6		1297	-
12012 6.0)	1292	
=13e8" 6.4		1,486	
1 408" 7.4		7,080	Z.
CL78 8" 4.0	-	768	_3-
1808"	1	444	
1908" 4.0		592	
2162' 8.0	0 -	7598	
(1262' 5-2		972	*
6.4	00	1480	
[402' 6.0		1292	
2502' 6.8	-	1696	
1607' 3.6		488	
17815 3.0		356	
Lae1 = 3.		396	
FLIE3' = 5.	0	625	- An-
7203'6.	0	1292	
51303 6.0		1792	
7463 6.8		1692	
7.0)	1.8/6	
11032 - 4.0		592	
12032 5.	_	972	1
1104 3.6		488	
1204 36		488	
1304 - 2.6		780	
2.4		248	
1504 - 2.0		138	
110 0 8 in 11,8		832	
11100 M 3.8		540	
112 cgin 3.8		540	
113 0 8 in 3.		356	
14 0 8 in 3.1		488	
L15 8 8 W 4.4		7.58	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1







Data		
Date:		

Project: Hoss SWD #001H

Project Number: 19452 Latitude: 32.1515588 Longitude: -104.0501793

Sample ID		PID/Odor	Chloride Conc.	GPS
FL 15 @ 1 1/2'	34	-NORVE	444	
FL 10 @11/2"	3.6	_	488	
FL16 @814	3.3		488	-
FL17 @8:14	3 6	_	488	
FL/8 e 8in	30	- mariner	356	
Ala e 8in	2.4		260	
F1200814	3.8		260 -	
FL21 @ 8in	3.2		396	
FL 22 @ 8in	3.8		540	
FL 23 @ 8in	3-6	_	488	
FL 24 @ 8:4	3.2	-	396	
fl 25 @ 8in	3.5		356	
FLZ6 EBIN	4.2	constitution of the second	666	
FL27 08/2	7.0	_	1860	
FL 2808in	3.2		396	
fl 29 @ 8ih	7.8		228	
f(30 @ 814	3.0		356	
FL31 6812	3-0		356	
FL3208in	3.4		444	
FL3? e Sim	3.6	COLUMN SERVICE	488	
A 26 6 1 %	3.4	and remember	CUY	
F127012	3.4	_	UUY	
NWI	3-4		uul	
SWI	3.8		SUD	
SW2	3.4		મવેવ	
EWI	3.4		पुत्र -	-
WWI	3.4		444	
FL 3908"	7.6	_	2.49	
F(35@8"	3.8	>	541	~
FL3608"	(3.0		356	
FL 370 81'	3.4		444	
FL 38 @ 8"	3.2	_	396	1
FL3908"	4.6		768	12
FC40@8"	5.8 -	7	1294	
fluics'	5.2	_	988	Ÿ.
FL4108"	4.4	_	724	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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



Date:

Project:

Hoss SWD #001H

Project Number:

19452

Latitude:

32.1515588

Longitude:

-104.0501793

Sample I	D	PID/Odor	Chloride Conc.	GPS
FL4306:4		Nono	396	
FL 44 e 6 in	3.0		356	
FL 4506 in	3.2		396	
FL 46ebir	3.8		540	
FL 4706in	3.6		408	
FL 48 661A	7.4	No. of the last of	444	
FL49C6in	- 2·B	_	328 -	
FLSOPGIN	3.0		356	
F1510 bi4	3.0	, part from the	356	
PL528614	3.8		4548	- 14
FL 53 P6: 4	3 2	sentitus	- 396	-
FL 5486in	3.6		482	
FL 39012	3.8		540	
FL40812	3.8	_	540	
41012	3.8	-	540	
FL42012	3.8		540	
2556610	3.4		444	
FL 56 @ 6 in	3-5	e e	39€	-
25786in	6.6	- Alliany	10/6	
2588617	8.0	Jabha	2280	
(5986in	5.4		1218	
160 e6in	b.0 -	growth and the state of the sta	1312	
16186in	6.0	-	13/2	- ·
162 efin	6.4		1508	
16306	3.8		540	74
16466	6.2		1408	
16586	6.0		1312	
16166	3.8	_	540	
6706	3.8	_	546	~
15861	3.0		356	
15901	2.6		280	
1001,	3.6		488	
a bie i'	3.4		488	
16261;	3.0		357	
26461,	3.4	/	444	
65e1'	3.6		4,80	

Nee257eSample Point = SP #1 @ ## etc

2.8

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1





Date:		
	 ,	

Environmental & Safety Solutions, I

Project: Latitude: Longitude: Project Number:

Sample ID		PID/Odor	Chloride Conc.	GPS
FL57@1"	2.8	- Nowa	328	
A 68 c 6"	3.8		540	
16901"	3.8		540	
1 70 0 1"	3.2		396	
27161"	3-6		488	
9 72 8 6"	3.0		356	
FL 73 @ 6"	3.2	=	341	-3-
2 74 66"	3.0	_	356	
175 06"	3.6		488	
L76 e6"	3.6	_	488	
177 86"-	3.2	_	396	
178661	3.2	_	394	
1 79 86 1	3.2	- American	396	
18006"	3.6		488	
1 81 6 6"	3.2		396	
1 82 6 6"	3.6		488	
r 83 6 9.	34		456	
(8ty 6 6" - =	-3.8		540	-
1 85 6 6"	68		1732	
(86 6 6"	3 6		488	
(87 96"	0.8		2588	
(88 6 6"	6.0		1312	
1 89€6"	3.4		456	
-L 8501'	3.2		396	
L 8701'	3.0		356	Ť
L 880 1'	3.4		396	
19006"	30		356	100
19186"	3.2	- contraction	396	
19206"	36	Photograph (1997)	488	
19366"	34		391	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
194661	3.4		396	
8695 G 611	3.0		356	
196661	7.8	Capitalism	328	
197811	3.0		356	
NW3	2.0	-07-02-7	188	
WWZ	2.6		280	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1



Date:		

	Dute.	
Latitude:	Longitude:	
	Latitude:	

Sample ID	PID/Odor	Chloride Conc.	GPS
FL9806"	nane	1,712	
E1990L"	State	2,480	
FL100 66"	_	1,860	£
F1 101 @ 7011	Allegan.	1,508	
FL 102 @ 2"	-	1,992	
F1 103 @ 6"1		1/136	
FL104 @ 611	-	1,220	
EL 105041	vall?sc	1,312	
FLIQUATO"	-	1,816	
FL107061	_	2.480	
FL10800/11	dua	716	
EI 109 P/11	-	1056	and the second s
FINO PULL	***************************************	908	
EL 111 @ 600		600	
FL 112 6 6 1	-	1.04	
FL98 @ 181	-	908	
FL9901F+	**************************************	8.60	
FI 130 101 10	- Millians	1.712	-
FLOVOIST	weether *	Vasc.	
F2102@15+	mage:	1.840	
-FL 113.06"	quarter.	1,220	
FLITUALL		LOS6	
-LID3 @ 18+		840	
1109014	nella la constanti del constan	908	
LIOSOIFF	ASMIT!	4112	
LIAG 1016+	-	500	
F(198@25+	-	716	
FL99@01+	distr	572	
F198@3F4	_	196	
FL100@26+		112	
FLIGIOIFY	_	368	
F1 102@9F+	- SMI	552	v
FLIOS @ 25+	-	1-7-3	*
FLIAHOOFF	integral diffe	172	
and the contract of the contra		<i>></i>	
		A.	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1



Date:	

Project: Longitude: Project Number: Latitude:

Sample ID		PID/Odor	Chloride Conc.	GPS
FL 39 & Z	5.0	- Nave	908	
FL 39 @ 3	3.2	/	396	
FL 3801	32	/	396	
FL 31@1	8.0	_	7588	
NW4	8.0	-	2588	
Fl 37e2	4.2	_	660	
FL 37 @3 -	3 8		540 -	-
A 3603	3 6	-	488	
FL75 e2	3-2	-	396	
FL 34 e3	2.0		188	
NW4		<u>_</u>	186	
NW5			396	-400
FL 11001	1.6	-	480	
1211101	3,4		480	
FL11201	3.8	-	540	
FL107 e1	5.6	_	1136	
FL 108 e1	50	-	908	
FL109 81	4.6	- ·	7600	7
WW4	3.2	~	396	
WW 5	3.0	-	356	
FL 107 02	3.6	-	480	
FL 108 @ 2	3.6	State .	480	1
FL109 e2	3.2	_	39b	11
WWIB	3.0	~	356	
SWIB	3.6	_	486	
11366,			2176	
11106"			5,229	A.
115@L"			4,096	1 12 2 2 3
F1113@2'	-	Manue	2,140	
F111402		*None	2,896	
F/ 115@2'		-	2,140	
FL11303'		Hamon	2,170	
111101			2,140	
FL11403' FL11304' FL11404'		******	332	+
111300		4 major	312	
1711761			368	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1



de: Longitude	e:
	de:Longitud

Sample ID	PID/Odor	Chloride Conc.	GPS
81-14604'	_	274	
FL-14605'		748	
DEF-1 @6"	E-blow.	Man. 2.896	
DEF-101'	-	2,480	
DEF-102"	-	2340	
DEF-1@3'	_	1,616	
DEF-2-061	and_	3768-	
EL 200611	Manager	776	
F1-12002'	_	2,304	
CL-11902'	-	2,896	
FL-121 03' -		1,992	
FL-71903'	-	1,860	- 400
F1-119@41	_	908	
FL 120/09'		572	
F1 41965'		552	
FL+D1@1'	-	840	
F(12201'	_	908	
FI-12100' =	Name of the State	500	
FL 12202'		500	
F1-12301	-Mag-	1,220	
F1 -19401		980	
F1 12302	entitions	1,136	
FL 12402	alle	840	
E1-12303	-	552	
F1-12403'	_	552	
ELJ-6	- Angeles	770	
SW-2		456	
FL-125@C'		552	
F1-12606!	opt-tr-	368	
NW-1	_	752	
NU-7	-	488	
Fl-126.01"	_	456	
FL-125/06"		4/50 500 4/2	
EU-8	-	4/12	
FL-126.01" FL-125.06" EU-8 SW-4	_	456	
LU-L	-	552	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1



Date:		
Date.		

Project:			
Project Number:	Latitude:	Longitude:	

Sample ID)	PID/Odor	Chloride Conc.	GPS
NW	2.9	Music	766	
F1150 e 8in	8.0		2588	
FL 149 @8in	8.0		2588	
FL 188 C8in	8.0		7588	
FL 150 @ 2'	7.0		1860	
FL 149 @ 2'	6.4		1480	
Er 11865.	4.6		760	
FL 150 @ 3	3.4		ull	
FL149 @ 3	4.4	_	704	
F1148 @ 3	3.4		446	
EL 140 2 4	5.0		188 -	-
FL147-83	2.2	Œ	228	
FL146 e3	3.0	_	356	
FL145@3	5.8		1220	
F1145 @ 4	4.7		666	
FL145 @ 5	5.2	-	977	
FU45 @ 6	3.2	-	396	
11144 6 6	5.1	9	472	
F114362	4.6	-	768	
FL14202	3.2		396	
FL 14403	5.0		908	
FL143€3	5.8	_	728	
FL 144 e4	4.6		768	
F214182	6.8		1732	
FL14002	6.0	-	1312	
FL 144 e 5	3 6	-	488	
NWB	3.2		396	
Euz	3.6		448)
ENJ	3.6		488	
EWY	5.0		0/68	
ENS	6.0		1317	
FL141@3	8.0		2588	
FULLEY	2.4		260	
FL140e3	3 0		356	
EWY	7.8		228	
EW5	3.2		396	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

Appendix D Laboratory Analytical Reports



December 20, 2023

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

RE: HOSS SWD #001H

Enclosed are the results of analyses for samples received by the laboratory on 12/15/23 14:48.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To:

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 1 @ 4' (H236699-01)

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	12/18/2023	ND	2.07	103	2.00	13.4	
Toluene*	<0.050	0.050	12/18/2023	ND	1.99	99.4	2.00	9.50	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.04	102	2.00	8.68	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.08	101	6.00	8.10	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	12/18/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	164	81.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	175	87.6	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	96.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Celey & Keene



Analytical Results For:

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

Received: 12/15/2023 Sampling Date: 12/15/2023
Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 2 @ 4' (H236699-02)

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	12/18/2023	ND	2.07	103	2.00	13.4	
Toluene*	<0.050	0.050	12/18/2023	ND	1.99	99.4	2.00	9.50	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.04	102	2.00	8.68	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.08	101	6.00	8.10	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/18/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	164	81.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	175	87.6	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	74.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.1	% 49.1-14	8						

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Celey D. Keine



12/15/2023

Analytical Results For:

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

Received: 12/15/2023 Sampling Date:

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 3 @ 4' (H236699-03)

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	12/18/2023	ND	2.07	103	2.00	13.4	
Toluene*	<0.050	0.050	12/18/2023	ND	1.99	99.4	2.00	9.50	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.04	102	2.00	8.68	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.08	101	6.00	8.10	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/18/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	164	81.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	175	87.6	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	18						

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Celeg & Freene



Analytical Results For:

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

Fax To:

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 4 @ 4' (H236699-04)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.07	103	2.00	13.4	
Toluene*	<0.050	0.050	12/18/2023	ND	1.99	99.4	2.00	9.50	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.04	102	2.00	8.68	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.08	101	6.00	8.10	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/18/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	74.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.3	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Analyzed By: 1H /

Tux

12/15/2023

ma/ka

19452

Reported: 12/20/2023

Project Name: HOSS SWD #001H

Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 12/15/2023

Sampling Type: Soil

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

Sample ID: FL 5 @ 4' (H236699-05)

Received:

RTFY 8021R

Project Number:

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	12/18/2023	ND	2.07	103	2.00	13.4	
Toluene*	<0.050	0.050	12/18/2023	ND	1.99	99.4	2.00	9.50	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.04	102	2.00	8.68	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.08	101	6.00	8.10	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/18/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	75.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.6	% 49.1-14	8						

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Celeg & Freene



Analytical Results For:

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

12/15/2023

Reported: 12/20/2023

Project Name: HOSS SWD #001H

Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 12/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shalyn Rodriguez

Sample ID: FL 6 @ 2' (H236699-06)

Received:

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	12/18/2023	ND	2.07	103	2.00	13.4	
Toluene*	<0.050	0.050	12/18/2023	ND	1.99	99.4	2.00	9.50	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.04	102	2.00	8.68	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.08	101	6.00	8.10	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/18/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	72.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.7	% 49.1-14	18						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 7 @ 1.5' (H236699-07)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.07	103	2.00	13.4	
Toluene*	<0.050	0.050	12/18/2023	ND	1.99	99.4	2.00	9.50	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.04	102	2.00	8.68	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.08	101	6.00	8.10	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/18/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	71.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.5	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: FL 8 @ 8" (H236699-08)

BTEX 8021B

	9,	9	7	= 7. 5,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.07	103	2.00	13.4	
Toluene*	<0.050	0.050	12/18/2023	ND	1.99	99.4	2.00	9.50	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.04	102	2.00	8.68	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.08	101	6.00	8.10	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	68.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.6	% 49.1-14	8						

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12/15/2023

Cool & Intact Shalyn Rodriguez

Analytical Results For:

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

Sampling Date:

Received: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition:
Project Number: 19452 Sample Received By:

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 9 @ 1.5' (H236699-09)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.07	103	2.00	13.4	
Toluene*	<0.050	0.050	12/18/2023	ND	1.99	99.4	2.00	9.50	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.04	102	2.00	8.68	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.08	101	6.00	8.10	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	66.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.2	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/15/2023 Sampling Date: 12/15/2023
Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 10 @ 1.5' (H236699-10)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.07	103	2.00	13.4	
Toluene*	<0.050	0.050	12/18/2023	ND	1.99	99.4	2.00	9.50	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.04	102	2.00	8.68	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.08	101	6.00	8.10	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	64.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.0	% 49.1-14	8						

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12/15/2023

Analytical Results For:

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

Received: 12/15/2023 Sampling Date:

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 11 @ 8" (H236699-11)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.07	103	2.00	13.4	
Toluene*	<0.050	0.050	12/18/2023	ND	1.99	99.4	2.00	9.50	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.04	102	2.00	8.68	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.08	101	6.00	8.10	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	64.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.2	% 49.1-14	8						

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12/15/2023

Cool & Intact

Shalyn Rodriguez

Analytical Results For:

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

Sampling Date:

Received: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Sample Received By: Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 12 @ 8" (H236699-12)

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	12/18/2023	ND	2.07	103	2.00	13.4	
Toluene*	<0.050	0.050	12/18/2023	ND	1.99	99.4	2.00	9.50	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.04	102	2.00	8.68	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.08	101	6.00	8.10	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	60.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	59.8	% 49.1-14	8						

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Analytical Results For:

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

12/15/2023

Reported: 12/20/2023

Project Name: HOSS SWD #001H

Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 12/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shalyn Rodriguez

Sample ID: FL 13 @ 8" (H236699-13)

Received:

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.07	103	2.00	13.4	
Toluene*	<0.050	0.050	12/18/2023	ND	1.99	99.4	2.00	9.50	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.04	102	2.00	8.68	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.08	101	6.00	8.10	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	66.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/15/2023 Sampling Date: 12/15/2023
Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 14 @ 8" (H236699-14)

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	12/18/2023	ND	2.07	103	2.00	13.4	
Toluene*	<0.050	0.050	12/18/2023	ND	1.99	99.4	2.00	9.50	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.04	102	2.00	8.68	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.08	101	6.00	8.10	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	67.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 15 @ 1.5' (H236699-15)

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	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	67.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/15/2023 Sampling Date: 12/15/2023
Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact

Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 16 @ 8" (H236699-16)

RTFY 8021R

mg/kg		Analyzed By: JH/						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	12/18/2023	ND	2.09	105	2.00	8.79	
<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
<0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
<0.300	0.300	12/18/2023	ND					
103 9	% 71.5-13	4						
mg/	'kg	Analyzed By: AC						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
400	16.0	12/18/2023	ND	416	104	400	0.00	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
<10.0	10.0	12/19/2023	ND					
54.5	% 48.2-13	4						
52.6	% 49.1-14	8						
	<0.050 <0.050 <0.050 <0.150 <0.300 103 9 Result 400 mg/ Result <10.0 <10.0 <54.5	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 To 3 % To 5-13 mg/kg Result Reporting Limit 400 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <48.2-13	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Celey D. Keine



Analytical Results For:

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

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 17 @ 8" (H236699-17)

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	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	66.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.5	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 18 @ 8" (H236699-18)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	70.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.2	% 49.1-14	8						

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Celey D. Kreene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Fax To:

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil HOSS SWD #001H

Project Name: Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 19 @ 8" (H236699-19)

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	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	61.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.0	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 20 @ 8" (H236699-20)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	65.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.8	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil
Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact

Project Number: 19452 Sample Received By: Shalyn Rodriguez
Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 21 @ 8" (H236699-21)

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	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	67.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.7	% 49.1-14	8						

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Celey & Keene



Analytical Results For:

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

Fax To:

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 22 @ 8" (H236699-22)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	68.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.4	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 23 @ 8" (H236699-23)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	173	86.3	200	2.93	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	167	83.5	200	0.271	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	64.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.7	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 24 @ 8" (H236699-24)

BTEX 8021B

	9,	9	7	= 7. 5,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	194	97.1	200	0.142	
DRO >C10-C28*	<10.0	10.0	12/18/2023	ND	184	92.2	200	0.0472	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					
Surrogate: 1-Chlorooctane	73.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.0	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 25 @ 8" (H236699-25)

BTEX 8021B

	9,	9	7	1 1 ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	194	97.1	200	0.142	
DRO >C10-C28*	<10.0	10.0	12/18/2023	ND	184	92.2	200	0.0472	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					
Surrogate: 1-Chlorooctane	68.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.4	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 26 @ 1.5' (H236699-26)

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	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	< 0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	194	97.1	200	0.142	
DRO >C10-C28*	<10.0	10.0	12/18/2023	ND	184	92.2	200	0.0472	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					
Surrogate: 1-Chlorooctane	55.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	53.5	% 49.1-14	8						

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Analytical Results For:

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

12/15/2023

Reported: 12/20/2023

Project Name: HOSS SWD #001H

Project Number: 19452

Received:

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 12/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shalyn Rodriguez

Sample ID: FL 27 @ 1.5' (H236699-27)

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	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX <0.3		0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/18/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	194	97.1	200	0.142	
DRO >C10-C28*	<10.0	10.0	12/18/2023	ND	184	92.2	200	0.0472	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					
Surrogate: 1-Chlorooctane	65.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 28 @ 8" (H236699-28)

BTEX 8021B

	9/	9	7	1					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/18/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	194	97.1	200	0.142	
DRO >C10-C28*	<10.0	10.0	12/18/2023	ND	184	92.2	200	0.0472	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					
Surrogate: 1-Chlorooctane 64.3 %			4						
Surrogate: 1-Chlorooctadecane	61.8	% 49.1-14	8						

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12/15/2023

Analytical Results For:

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

Received: 12/15/2023 Sampling Date:

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 29 @ 8" (H236699-29)

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	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX	<0.300	0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/18/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	194	97.1	200	0.142	
DRO >C10-C28*	<10.0	10.0	12/18/2023	ND	184	92.2	200	0.0472	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					
Surrogate: 1-Chlorooctane	70.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.8	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 30 @ 8" (H236699-30)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX	al BTEX <0.300 0.300		12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/18/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	194	97.1	200	0.142	
DRO >C10-C28*	<10.0	10.0	12/18/2023	ND	184	92.2	200	0.0472	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					
Surrogate: 1-Chlorooctane	64.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.6	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 31 @ 8" (H236699-31)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	< 0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX	tal BTEX <0.300 0.300		12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/18/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	194	97.1	200	0.142	
DRO >C10-C28*	<10.0	10.0	12/18/2023	ND	184	92.2	200	0.0472	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					
Surrogate: 1-Chlorooctane	68.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.0	% 49.1-14	8						

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12/15/2023

Shalyn Rodriguez

Analytical Results For:

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

Sampling Date:

Sample Received By:

Received: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact

19452 Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 32 @ 8" (H236699-32)

Project Number:

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	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX <0.300		0.300	12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	12/18/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	194	97.1	200	0.142	
DRO >C10-C28*	<10.0	10.0	12/18/2023	ND	184	92.2	200	0.0472	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					
Surrogate: 1-Chlorooctane	62.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.3	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/15/2023 Sampling Date: 12/15/2023

Reported: 12/20/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 33 @ 8" (H236699-33)

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	12/18/2023	ND	2.09	105	2.00	8.79	
Toluene*	<0.050	0.050	12/18/2023	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	12/18/2023	ND	2.02	101	2.00	9.08	
Total Xylenes*	<0.150	0.150	12/18/2023	ND	6.43	107	6.00	8.29	
Total BTEX	al BTEX <0.300 0.300		12/18/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	12/18/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/18/2023	ND	194	97.1	200	0.142	
DRO >C10-C28*	<10.0	10.0	12/18/2023	ND	184	92.2	200	0.0472	
EXT DRO >C28-C36	<10.0	10.0	12/18/2023	ND					
Surrogate: 1-Chlorooctane	63.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.7	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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

Company Name	: Etech Environmental & Safe		s, In	C.					B	LL 10					ANALYSIS REQUEST
Project Manage	r: Lance Crenshaw						P.(0. #:		NI - '					
Address: 261	7 West Marland						Co	mpa	iny	Mewbo	ume	10			
City: Hobbs	State:	NM Zip	: 88	3240			Att	tn:		Connor Wa	aker	1			
Phone #: (57	5) 264-9884 Fax #:						Ad	dres	s:						
Project #: 194	52 Projec	t Owner:	M	ewbour	ne		Cit	ty:		Total P	ty the treatment			_	
Project Name:	Hoss SWD 2001H		_				-		NM	Zip:	Epitolishis e li		SM.	BTEX (8021B)	
Project Location	n: 32.1515588, -104.0501793							one				Phloride	IPH (8015M	80	
Sampler Name:	Dominic Casarez						-	x #:			11 -1	Ĕ	I	X	
FOR LAB USE ONLY			Т		MATR	XIX	-	_	SERV	SAMPL	ING		1	B	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	DATE	TIME	F			
1	FL1 @ 4'	С	1		X				X	12/15/23		Х	Х	X	
2	FL2 @ 4'	С	1		X				X	12/15/23		Х	X	X	
3	FL3 @ 4'	С	1		X				X	12/15/23		Х	Х	X	
Y	FL4 @ 4'	С	1		X				X	12/15/23		Х	Х	X	
5	FL5 @ 4'	С	1		X				X	12/15/23		Х	X	X	
φ	FL6 @ 2'	С	1		X				X	12/15/23		Х	X	X	
)	FL7 @ 1.5'	С	1		X				X	12/15/23		X	X	X	
8	FL8 @ 8"	С	1		X				X	12/15/23		X	Х	X	
9	FL9 @ 1.5'	С	1		X				X	12/15/23		Х	Х	X	
10	FL10 @ 1.5'	С	1		X	4			X	12/15/23		X	X	X	
analyses. All claims includi service. In no event shall C	Time;	ever shall be deem gee, including withour reunder by Cardina Re	nd web ut limi il, rega CCC	ved unless m hallon, busine	ado in w es interre ether su	olling an uplions, ch claim	d recei loss of is bas	ived by fuse, o ed upo	Cardinal r loss of p n any of t	within 30 days after rollin incurred by one above stated re	r completion of ti ideat, is subsidia asons or otherwi Phone Re Fax Resul REMARKS	no application, so. sult: lt:	□ Ye	es C	□ No Add'l Phone #: □ No Add'l Fax #: d copy of CoC to pm@etechenv.com.
	(Circle One) -3.9	#140)	Coc	ple C I In Yes [No [tact		8		(ED BY: tials)	riease e	inali f	esult	s and	т сору от сос то ртішетеснету.сотт.

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RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name	: Etech Environmental & Safety Solu	tions	, Inc						BI	LL TO			10		ANALYSIS REQU	EST
Project Manage	r: Lance Crenshaw						P.	O. #:				7.				
Address: 261	7 West Marland						Co	ompa	iny	Mewbo	ume	1				
City: Hobbs	State: NM	Zip	: 88	240			At	tn:		Connor Wa	alker					
Phone #: (57	5) 264-9884 Fax #:						Ac	dres	ss:			1				
Project #: 194	52 Project Owne	r:	Me	wbou	rne		Ci	ty:		1		1	10	-		
Project Name:	Hoss SWD #001H								NM	Zip:		0	S S	BTEX (8021B)		
	n: 32.1515588, -104.0501793						1	none			-	Chloride	TPH (8015M)	802		
	Dominic Casarez						-	x #:		Ī.		1 క్ల	E H	X		
FOR LAB USE ONLY		Т			MAT	RIX	1	-	SERV	SAMPL	ING	1	1	BT		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	OTHER	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME	6				
11	FL11 @ 8"	С	1		Х				X	12/15/23	Til S	Х	Х	Х		
ia	FL12 @ 8"	С	1		X				X	12/15/23		Х	Х	х		
13	FL13 @ 8"	С	1		Х				X	12/15/23		Х	Х	Х		
14	FL14 @ 8"	С	1		Х				X	12/15/23		Х	Х	Х		
	FL15 @ 1.5'	С	1		X				X	12/15/23		Х	X	Х		
19	FL16 @ 8"	С	1		X				Х	12/15/23		X	X	Х		
	FL17 @ 8"	С	1		X			Ш	X	12/15/23		Х	X	X		
19	FL18 @ 8"	С	1		X				Х	12/15/23		Х	X	Х		
	FL19 @ 8"	С	1		X				Х	12/15/23		Х	X	X		
20	FL20 @ 8"	C	1		X				Х	12/15/23		X	X	X		
analyses. All claims includi	nd Damages. Cardinal's liability and client's exclusive remedy for ing those for negligence and any other cause whatsoever shall be ardinal be liable for incidental or consequental demages, including out of or related to the performance of services hereunder by Date:	deeme g withou Cardina	d waive at limite I, regar	d unless n don, busin	nade in eas inter eather s	writing an	d rece	sived by of use, o	Cardinal v	within 30 days after rollts incurred by o	r completion of t dent, its subsidia	the applica ries, ise.	ble Ye	s F	No Add'l Phone #:	
Relinquished B	7/10 Time: 448		5	70	\propto	XIZ	4	n	u	y	Fax Resu REMARK	it: S:	□ Ye	es C	No Add'I Fax #: copy of CoC to pm@eteche	iny com
	elivered By: (Circle One) - 3.92 Sample Cond Cool Intact Telephone Cool Intact Cool Intact				ntact	S	(CHECK	(ED BY:	. 10430 0	4		Juliu	oop, or ooo to prime otenie		

Page 38 of 39

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name: Etech Environmental & Safety Solutions, Inc.						1	811	L TO						ANA	LYS	IS R	EQU	EST				
Project Manage	r: Lance Crenshaw						P.	O. #:				, .										
Address: 261	7 West Marland						Co	mpany		Mewboo	ume	10										
City: Hobbs	State: NM	Zip	:88	240			At	tn:	(Connor Wa	lker											
Phone #: (57	5) 264-9884 Fax #:						Ac	ldress:		7.00			1									
Project #: 194	52 Project Owner	r:	Me	wbour	ne		Ci	ty:				1	-	-		1						
Project Name:	Hoss SWD #001H						St	ate: N	M Z	Zip:			2	(8021B)	L			1				
Project Location	n: 32.1515588, -104.0501793							one #:				prig	301	805								1
	Dominic Casarez						1	x#:				Chloride	TPH (8015M)	BTEX ((ar							
FOR LAB USE ONLY		П			MATR	IX		PRESE	RV.	SAMPLI	NG		4	BT								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME											
	FL21 @ 8"	С	1		Х			X		12/15/23		X	Х	X								
23	FL22 @ 8 [™]	С	1		Х		A	Х		12/15/23		X	Х	Х								
23	FL23 @ 8"	С	1		Х		M	Х		12/15/23		×	Х	Х								
24	FL24 @ 8"	C	1	1	X			Х		12/15/23		Х	Х	Х								
25	FL25 @ 8"	c	1		Х			X		12/15/23		Х	Х	X								
26	FL26 @ 1.5'	С	1		X			Х		12/15/23		Х	Х	X								
27	FL27 @ 1.5'	С	1		X			Х		12/15/23		X	Х	Х								
98	FL28 @ 8"	С	1		Х			X		12/15/23		Х	Х	X								
7333 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	FL29 @ 8"	С	1		Х	1		X	1	12/15/23		X	X	Х	_							
30	FL30 @ 8"	С	1		X			X		12/15/23	1 h - M E M	X	Х	X								
analyses. All claims includi service. In no event shall C affiliates or successors arisi	nd Damages. Cardinal's liability and client's exclusive remedy for a ing those for negligence and any other cause wheteoever shall be tardinal be liable for incidental or consequented damagase, including ing out of or related to the performance of services hereunder by C	deeme withou ardina	d waiv at limita I, rega	ed unless m vilon, busine rdless of wh	nade in wo ses interre sether suc	iting an plions,	d rece loss o	rived by Cardi fuse, or loss	inal will of prof	hip 30 days after the incurred by o	r completion of the fleet, its subsidiar asons or otherwis	ve applical les, ie.						İst				
Relinquished B	Time: 148		8	ved By:	di	ri	9	ru	U	8	Phone Re Fax Resul REMARKS	t: 5:	□ Ye	s 🗆	No No	Add'	Phone Fax#					
Delivered By: (Circle One) Sampler - UPS - Bus - Other: Sample Condition Cool Intact Pres Pres						CKE	ED BY:	Please e	mail r	esults	and	сору	of Co	C to p	om@e	eteche	nv.co	m.				

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ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solutions, Inc.							81	LL TO					ANALYSIS REQUEST			
Project Manage	er: Lance Crenshaw						9	0. 1					40 /			
Address: 261	7 West Marland						Č	omp	any		Mewboi	ıme	*			
City: Hobbs	State: NM	Zip	: 88	240			- 1	ttn:			Connor Wa	lker				
Phone #: (57	5) 264-9884 Fax #:						A	ddre	ess:							
Project #: 194	52 Project Owne	r:	Me	ewb	oume		c	ity:		- 11			,	-	_	
	Hoss SWD #001H							tate	N	М	Zip:	-	0	€ N	118	
	n: 32.1515588, -104.0501793							hon			ALTER	ten.	Chloride	TPH (8015M)	BTEX (8021B)	
	Dominic Casarez						F	ax#	:			110	Chi	Ŧ	E	
FOR LAB USE ONLY		Т	Г		MA	TRIX		_	RESE	RV.	SAMPLI	NG		₽	BT	
Lab I.D. #23U199 31 32 33	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	Υ.	101		
31	FL31 @ 8"	С	1		X			T	X	1	12/15/23	40.91	X	Х	X	
32	FL32 @ 8"	С	1		X				Х		12/15/23		Х	Х	Х	
33	FL33 @ 8"	С	1		X			1	Х		12/15/23		X	Х	Х	
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analyses. All claims includ service. In no event shall (nd Damages, Cardinal's liability and client's exclusive remedy for ing those for negligence and any offer cause whatscever shall be ardinal be liable for incidental or consequental damages, includir	deeme	ed work ut limit	ed unic ution, b	eas made i rusineas int	n willing terruptio	and re	coived i	or loss	final w	ithin 30 days after offits incurred by o	r completion of the	e application,	ble		
Relinquished B	The Time 448	Re	8	ved	By:						1	Phone Re Fax Resul REMARKS	sult: t:	☐ Ye		□ No Add'l Phone #: □ No Add'l Fax #:
Reinquisnea E	Time:	T.	ecei	veu	Dy.							Please e	mail r	esults	s and	d copy of CoC to pm@etechenv.com.
	: (Circle One) -3.92	-14	10		Sample Cool Yes	Intac	rt .			ECK (Initi	ED BY: als)		1			

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December 21, 2023

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

RE: HOSS SWD #001H

Enclosed are the results of analyses for samples received by the laboratory on 12/18/23 14:23.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 12/18/2023 Sampling Date: 12/15/2023
Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Applyand By 14

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: NW - 1 (H236715-01)

DTEV 0021D

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13	
Total BTEX	<0.300	0.300	12/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	12/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	68.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.4	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Analyzed By: JH

12/18/2023

mg/kg

Reported: 12/21/2023

Project Name: HOSS SWD #001H

Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 12/15/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Dionica Hinojos

Sample ID: EW - 1 (H236715-02)

Received:

BTEX 8021B

DILX OUZID	ıııg,	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13	
Total BTEX	<0.300	0.300	12/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	12/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	72.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.6	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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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: 12/18/2023 Sampling Date: 12/15/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: SW - 1 (H236715-03)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13	
Total BTEX	<0.300	0.300	12/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	12/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	82.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.3	% 49.1-14	8						

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Celey D. Keene



12/15/2023

Soil

Analytical Results For:

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

Received: 12/18/2023

12/18/2023 Sampling Date: 12/21/2023 Sampling Type:

Analyzed By: JH

Project Name: HOSS SWD #001H Project Number: 19452

HOSS SWD #001H Sampling Condition: Cool & Intact
19452 Sample Received By: Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: SW - 2 (H236715-04)

Reported:

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13	
Total BTEX	<0.300	0.300	12/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	12/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.2	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/18/2023 Sampling Date: 12/15/2023

Reported: 12/21/2023 Sampling Type: Soil HOSS SWD #001H

Project Name: Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WW - 1 (H236715-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13	
Total BTEX	<0.300	0.300	12/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	12/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	75.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.8	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/18/2023 Sampling Date: 12/15/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 34 @ 8" (H236715-06)

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	12/19/2023	ND	2.28	114	2.00	4.33	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13	
Total BTEX	<0.300	0.300	12/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.0	% 49.1-14	8						
0									

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Analytical Results For:

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

Received: 12/18/2023 Sampling Date: 12/15/2023
Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 35 @ 8" (H236715-07)

BTEX 8021B

DILX GOZID	11197	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13	
Total BTEX	<0.300	0.300	12/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	80.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.3	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/18/2023 Sampling Date: 12/15/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 36 @ 8" (H236715-08)

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	12/19/2023	ND	2.28	114	2.00	4.33	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13	
Total BTEX	<0.300	0.300	12/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	12/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	78.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/18/2023 Sampling Date: 12/15/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Applyzod By: 14

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 37 @ 8" (H236715-09)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13	
Total BTEX	<0.300	0.300	12/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/18/2023 Sampling Date: 12/15/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 38 @ 8" (H236715-10)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.28	114	2.00	4.33	
Toluene*	<0.050	0.050	12/19/2023	ND	2.24	112	2.00	4.40	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.20	110	2.00	4.48	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	6.96	116	6.00	5.13	
Total BTEX	<0.300	0.300	12/19/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	75.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/18/2023 Sampling Date: 12/15/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 43 @ 6" (H236715-11)

BTEX 8021B	mg/	'kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	69.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.5	% 49.1-14	8						

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12/15/2023

Soil

Analytical Results For:

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

Tax

Received: 12/18/2023 Sampling Date:

Reported: 12/21/2023 Sampling Type:

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 44 @ 6" (H236715-12)

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	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	64.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/18/2023 Sampling Date: 12/15/2023

Reported: 12/21/2023 Sampling Type: Soil
Project Name: HOSS SWD #001H Sampling Condition: Coo

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Analyzed By: JH/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 45 @ 6" (H236715-13)

BTEX 8021B

	9,	9	7	1					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	12/19/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	72.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.2	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/18/2023 Sampling Date: 12/15/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 46 @ 6" (H236715-14)

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	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	12/19/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	70.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.5	% 49.1-14	8						

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Dionica Hinojos

Sample Received By:

Analytical Results For:

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

12/18/2023 Sampling Date: 12/15/2023 Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact

Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 47 @ 6" (H236715-15)

Received:

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	12/19/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	78.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.6	% 49.1-14	8						

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Dionica Hinojos

Analytical Results For:

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

Received: 12/18/2023 Sampling Date: 12/15/2023

Reported: 12/21/2023 Sampling Type: Soil
Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact

Project Number: 19452 Sample Received By:

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 48 @ 6" (H236715-16)

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	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/19/2023	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	82.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/18/2023 Sampling Date: 12/15/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Analyzed By: JH/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 49 @ 6" (H236715-17)

BTEX 8021B

	9,	9	7	1					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/19/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.0	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/18/2023 Sampling Date: 12/15/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Analyzed By: JH/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 50 @ 6" (H236715-18)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/19/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	80.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.2	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/18/2023 Sampling Date: 12/15/2023

Reported: 12/21/2023 Sampling Type: Soil HOSS SWD #001H

Project Name: Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 51 @ 6" (H236715-19)

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	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/19/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	66.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.7	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/18/2023 Sampling Date: 12/15/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Analyzed By: JH/

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 52 @ 6" (H236715-20)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/19/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	196	98.1	200	0.134	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	196	98.0	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	70.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/18/2023 Sampling Date: 12/15/2023
Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 53 @ 6" (H236715-21)

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	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/19/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	2.83	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	194	97.0	200	0.551	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	62.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/18/2023 Sampling Date: 12/15/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 54 @ 6" (H236715-22)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.06	103	2.00	4.43	
Toluene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	3.32	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.18	109	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.64	111	6.00	4.65	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/19/2023	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/19/2023	ND	191	95.6	200	2.83	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	194	97.0	200	0.551	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					
Surrogate: 1-Chlorooctane	65.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.5	% 49.1-14	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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E A

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

Company Name	e: Etech Environmental & Safety Solut	tions	, Inc	C.				Bi	LL TO					ANALYSIS REQUEST
Project Manage	er: Lance Crenshaw					P.	O. #.		1 3		1			
Address: 261	17 West Marland					Co	ompa	any	Mewbo	ume	1			
City: Hobbs	State: NM	Zip	: 88	240		At	ttn:		Connor Wa	ulker				
Phone #: (57	5) 264-9884 Fax #:					Ac	ddres	ss:	1					
Project #: 194	152 Project Owner	r:	Me	ewbourne		Ci	ity:						-	
Project Name:	Hoss SWD #001H					St	tate:	NM	Zip:			TPH (8015M)	218)	
Project Locatio	n: 32.1515588, -104.0501793					BI	hone	#:			Omoride	801	BTEX (8021	
Sampler Name:	Dominic Casarez	1				A	x #:			74.5	1	Ī	E	
FOR LAB USE ONLY		Г	Г	MA	RIX		PRI	SERV	SAMPL	NG	1	1	B	
H236715 Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	JIO	SLUDGE OTHER:	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME	y	X		
1	NW-1	С	-	X				Х	12/15/23	AHUM-	Х	Х	X	
2	EW-1	С	1	X				Х	12/15/23		Х	Х	X	
2	SW-1	С	1	Х				X	12/15/23		Х	Х	X	
4	SW-2	С	1	Х				Х	12/15/23		Х	X	X	
5	WW-1	С	1	X				Х	12/15/23		Х	Х	X	
	FL-34 @ 8"	С	1	X				X	12/15/23		X	Х	X	
7	FL-35 @ 8"	С	1	Х				X	12/15/23		X	X	X	
8	FL-36 @ 8"	С	1	Х				X	12/15/23		X	X	X	
/	FL-37 @ 8"	С	1	X				Х	12/15/23		Х	X	X	
(0)	FL-38 @ 8"	C	1	X				X	12/15/23		X	X	X	
analyses. All claims include service. In no event shall (Time: 14:13	without Re	d waiv at limit i, rega ecei	ed unless made i alion, business int	willing orruptio	and reci ns, loss o	elved by of use, o	Cardinal r loss of p	within 30 dags allo rolls incursid by	r completion of ti- itent, its subsidial asons or otherwin Phone Re Fax Resu REMARK	he applications, the second se	□ Ye	es [No Add'l Phone #: No Add'l Fax #: d copy of CoC to pm@etechenv.com.
	: (Circle One) - (5	26	Sample Cool Yes	Intac	t			KED BY: tials)	10000	1	Journ	- Grid	osp, or ose to prince of the control

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

FORM-006 Revision 1.0

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101 Ea	ist Mariano	i, Hob	DS, N	IMI S	8240
(575)	393-2326	FAX	(575)	393	2476

Company Name	e: Etech Environmenta		_	Inc					Bi	LL TO					ANALYSIS REQUEST
-	er: Lance Crenshaw						P.	0. #							
Address: 261	7 West Marland						C	ompa	any	Mewbo	ume	1			
City: Hobbs		State: NM 2	Zip:	882	240		A	tn:		Connor Wa	alker	1			
Phone #: (57	5) 264-9884	Fax #:					A	ddres	ss:						
Project #: 194	152	Project Owner:		Me	wbourne	9	Ci	ity:		1		J.			
Project Name:	Hoss SWD #001H						S	ate:	NM	Zip:		0	SM)	BTEX (8021B)	
Project Locatio	n: 32.1515588, -104.0	501793						none			Terr	Chloride	TPH (8015M)	80	
Sampler Name:	Dominic Casarez						Fa	x #:		•	at a los	Š	I	X	
FOR LAB USE ONLY					MA	TRIX		PRI	ESERV	SAMPL	ING		₽	B	
Hazbrid Lab I.D.	Sample I.		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER	OIL	SLUDGE OTHER	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME	6	J.		
1/	FL-43 @ 6"		C	1)				Х	12/15/23	Astachin (Х	Х	Х	
12	FL-44 @ 6"		С	1)				X	12/15/23		X	Х	Х	
	FL-45 @ 6"		С	1)				Х	12/15/23		X	'X	Х	
14	FL-46 @ 6"		C	1)				X	12/15/23		X	Х	X	
(5	FL-47 @ 6"		С	1)	(Х	12/15/23		Х	X	Х	
16	FL-48 @ 6"		C	1)				Х	12/15/23		Х	Х	Х	
17	FL-49 @ 6"		С	1)				Х	12/15/23		Х	Х	X	
18	FL-50 @ 6"		C	1)				X	12/15/23		Х	Х	X	
19	FL-51 @ 6"		С	1)	-			X	12/15/23		Х	X	X	
70	FL-52 @ 6"		С	1)		tract or to	d shall	X	12/15/23	d butter allow for	Х	X	X	
analyses. All claims includ service. In no event shell C	There	ause whateoever shall be de quental damages, including w of services hereunder by Car	emed vithout rdinal,	Imite regar	d unless made tion, business i	in writin	g and rec	eived by of use, o	Cardinal or loss of p	within 30 days allo rolls incurred by	r completion of the client, its subsidies	he applicat ries, di se. sult: lt:	☐ Ye		No Add'l Phone #: No Add'l Fax #:
Delivered By	: (Circle One) - Bus - Other:	Time: - 6 .	50	'C	Sample Cool	Inta	ct "	1		(ED BY:	Please e	email r	esults	and (copy of CoC to pm@etechenv.com.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

FORM-006 Revision 1.0

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name	e: Etech Environment			, Inc						3	LL TO					ANAL	YSIS	S RE	QUE	ST	
Project Manage	er: Lance Crenshaw							P.	0. #	:	1		12								
Address: 26	17 West Marland							C	omp	any	Mewbo	urne		-3							
City: Hobbs		State: NM	Zip	882	240			A	tn:		Connor W	alker									
Phone #: (57	5) 264-9884	Fax #:						A	ddre	ss:			100					1			
Project #: 194	152	Project Owner	:	Ме	wbou	ime		C	ity:						-						
Project Name:	Hoss SWD #001H							S	ate:	NM	Zip:			SM)	BTEX (8021B)						
Project Location	n: 32.1515588, -104.0	0501793							hone				Chloride	TPH (8015M)	(80						
	Dominic Casarez							F	x #:			TA URSI	ਤਿੰ	I	X						
FOR LAB USE ONLY			Г			MAT	RIX		_	ESERV	SAMPL	ING	16	1	B	1					
H236715 Lab I.D.	Sample I	.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE OTHER:	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME									
21	FL-53 @ 6"		С	1	-	X		1		X	12/15/23	willian.	X	X	X						
31	FL-54 @ 6*		C	1		X		A		X	12/15/23			Х	X						
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					1																
								-			101		1								
								4			11.		-	-1	-						
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analyses. All claims incluses service. In no event shall to	and Damages. Cardinar's liability and of ling those for negligence and any other Cardinal be liable for incidental or consisting out of or related to the performance	cause whatsoever shall be equental damages, including	deemo withou	d weive at firmite	d unless Son, busi	made in	writing	and rec	abred b	y Cardinal or loss of p	within 30 days all profits incurred by	er completion of t client, its subside	he applica vice,	ble		-1					
Relinquished E		Date:	Re	ceiv	ed B	y:						Phone Re Fax Resu	sult:	☐ Ye		No Add'l F		#:			
Relinquished E	tt h	13.15.43 Time: 121.23 Date:	Re	Ceiv	yed B	ing v:	٠	-			1	REMARK	S:			1					
	: (Circle One)	-6	5	1	Sa	mple Ool	Condintac	dition Yes			KED BY:	Please e	email r	results	s and	copy of CoC	to pr	m@et	echen	v.com.	

FORM-006 Revision 1.0

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December 21, 2023

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

RE: HOSS SWD #001H

Enclosed are the results of analyses for samples received by the laboratory on 12/19/23 14:14.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

A .. . l. d D. .. 311

Sampling Date:

12/18/2023

Reported:

12/21/2023

12/19/2023

Sampling Type:

Soil

Project Name:

Received:

HOSS SWD #001H

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

Project Number: Project Location: 19452

MEWBOURNE - EDDY CO NM

Sample ID: FL 39 @ 1 1/2 FT (H236748-01)

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	12/20/2023	ND	2.07	103	2.00	0.966	
Toluene*	<0.050	0.050	12/20/2023	ND	2.16	108	2.00	2.95	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.13	107	2.00	3.22	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.42	107	6.00	3.67	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
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	12/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	180	90.2	200	3.87	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	177	88.5	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	94.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.1	% 49.1-14	8						

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12/18/2023

Analytical Results For:

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

Received: 12/19/2023 Sampling Date:

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 40 @ 1 1/2 FT (H236748-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.07	103	2.00	0.966	
Toluene*	<0.050	0.050	12/20/2023	ND	2.16	108	2.00	2.95	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.13	107	2.00	3.22	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.42	107	6.00	3.67	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	12/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	172	86.1	200	0.777	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	161	80.3	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.0	% 49.1-14	8						

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Celey D. Keene



12/18/2023

Analytical Results For:

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

Received: 12/19/2023 Sampling Date:

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Project Number: 19452 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 41 @ 1 FT (H236748-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.07	103	2.00	0.966	
Toluene*	<0.050	0.050	12/20/2023	ND	2.16	108	2.00	2.95	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.13	107	2.00	3.22	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.42	107	6.00	3.67	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	6 71.5-13	4						
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	12/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	172	86.1	200	0.777	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	161	80.3	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	78.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

12/19/2023

Reported: 12/21/2023

Project Name: HOSS SWD #001H Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 12/18/2023

Sampling Type: Soil

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

Sample ID: FL 42 @ 1 FT (H236748-04)

Received:

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.07	103	2.00	0.966	
Toluene*	<0.050	0.050	12/20/2023	ND	2.16	108	2.00	2.95	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.13	107	2.00	3.22	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.42	107	6.00	3.67	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	12/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	172	86.1	200	0.777	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	161	80.3	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	74.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.7	% 49.1-14	8						

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Analytical Results For:

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

Applyzod By: 14

12/19/2023

Reported: 12/21/2023

Project Name: HOSS SWD #001H

Project Number: 19452

Received:

RTFY 8021R

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 12/18/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

Sample ID: FL 55 @ 6 IN. (H236748-05)

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	12/20/2023	ND	2.07	103	2.00	0.966	
Toluene*	<0.050	0.050	12/20/2023	ND	2.16	108	2.00	2.95	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.13	107	2.00	3.22	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.42	107	6.00	3.67	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	12/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	172	86.1	200	0.777	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	161	80.3	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	56.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	56.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/19/2023 Sampling Date: 12/18/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 56 @ 6 IN. (H236748-06)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.07	103	2.00	0.966	
Toluene*	<0.050	0.050	12/20/2023	ND	2.16	108	2.00	2.95	
Ethylbenzene*	< 0.050	0.050	12/20/2023	ND	2.13	107	2.00	3.22	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.42	107	6.00	3.67	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	12/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	172	86.1	200	0.777	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	161	80.3	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	81.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

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Analytical Results For:

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

12/19/2023

Reported: 12/21/2023

Project Name: HOSS SWD #001H

Project Number: 19452

Received:

Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 12/18/2023

Sampling Type: Soil

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

Sample ID: FL 57 @ 1 FT (H236748-07)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.07	103	2.00	0.966	
Toluene*	<0.050	0.050	12/20/2023	ND	2.16	108	2.00	2.95	
Ethylbenzene*	< 0.050	0.050	12/20/2023	ND	2.13	107	2.00	3.22	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.42	107	6.00	3.67	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	172	86.1	200	0.777	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	161	80.3	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	81.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

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Analytical Results For:

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

Applyzod By: 14

12/19/2023

Reported: 12/21/2023

Project Name: HOSS SWD #001H

Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 12/18/2023

Sampling Type: Soil

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

Sample ID: FL 58 @ 1 FT (H236748-08)

Received:

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	12/20/2023	ND	2.07	103	2.00	0.966	
Toluene*	<0.050	0.050	12/20/2023	ND	2.16	108	2.00	2.95	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.13	107	2.00	3.22	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.42	107	6.00	3.67	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	172	86.1	200	0.777	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	161	80.3	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	76.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.5	% 49.1-14	8						

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12/18/2023

Analytical Results For:

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

Sampling Date:

Received: 12/19/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Project Number: 19452 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 59 @ 1 FT (H236748-09)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.07	103	2.00	0.966	
Toluene*	<0.050	0.050	12/20/2023	ND	2.16	108	2.00	2.95	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.13	107	2.00	3.22	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.42	107	6.00	3.67	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	172	86.1	200	0.777	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	161	80.3	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	64.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.2	% 49.1-14	8						

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Analytical Results For:

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

12/19/2023

Reported: 12/21/2023

Project Name: HOSS SWD #001H Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 12/18/2023

Sampling Type: Soil

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

Sample ID: FL 60 @ 1 FT (H236748-10)

Received:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.07	103	2.00	0.966	
Toluene*	<0.050	0.050	12/20/2023	ND	2.16	108	2.00	2.95	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.13	107	2.00	3.22	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.42	107	6.00	3.67	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	172	86.1	200	0.777	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	161	80.3	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.2	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/19/2023 Sampling Date: 12/18/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Project Number: 19452 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 61 @ 1 FT (H236748-11)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.07	103	2.00	0.966	
Toluene*	<0.050	0.050	12/20/2023	ND	2.16	108	2.00	2.95	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.13	107	2.00	3.22	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.42	107	6.00	3.67	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	172	86.1	200	0.777	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	161	80.3	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	78.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.0	% 49.1-14	8						

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Analytical Results For:

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

12/19/2023

Reported: 12/21/2023

Project Name: HOSS SWD #001H Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 12/18/2023

Sampling Type: Soil
Sampling Condition: Cool & Intact

Sample Received By: Tamara Oldaker

Sample ID: FL 62 @ 1 FT (H236748-12)

Received:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.07	103	2.00	0.966	
Toluene*	<0.050	0.050	12/20/2023	ND	2.16	108	2.00	2.95	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.13	107	2.00	3.22	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.42	107	6.00	3.67	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	172	86.1	200	0.777	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	161	80.3	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	77.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/19/2023 Sampling Date: 12/18/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 63 @ 6" (H236748-13)

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	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	173	86.3	200	0.635	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	179	89.7	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	80.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.9	% 49.1-14	8						

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Analytical Results For:

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

12/19/2023

Reported: 12/21/2023

Project Name: HOSS SWD #001H

Project Location: MEWBOURNE - EDDY CO NM

19452

Sampling Date: 12/18/2023

Sampling Type: Soil

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

Sample ID: FL 64 @ 6" (H236748-14)

Received:

Project Number:

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	173	86.3	200	0.635	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	179	89.7	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	79.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.6	% 49.1-14	8						

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Analytical Results For:

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

12/19/2023

19452

Reported: 12/21/2023

Project Name: HOSS SWD #001H

Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 12/18/2023

Sampling Type: Soil

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

Sample ID: FL 65 @ 6 " (H236748-15)

Received:

Project Number:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	173	86.3	200	0.635	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	179	89.7	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	74.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/19/2023 Sampling Date: 12/18/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 66 @ 6" (H236748-16)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	173	86.3	200	0.635	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	179	89.7	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	79.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.6	% 49.1-14	8						

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Analytical Results For:

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

Analyzed By: JH

12/19/2023 Sampling Date: 12/18/2023

Reported: Project Name:

Received:

BTEX 8021B

12/21/2023 HOSS SWD #001H Sampling Type: Soil

Project Number:

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

Project Location:

19452

MEWBOURNE - EDDY CO NM

Sample ID: FL 67 @ 6" (H236748-17)

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	173	86.3	200	0.635	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	179	89.7	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	72.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/19/2023 Sampling Date: 12/18/2023 Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 68 @ 6" (H236748-18)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	173	86.3	200	0.635	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	179	89.7	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.8	% 49.1-14	8						

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12/18/2023

Cool & Intact

Tamara Oldaker

Soil

Analytical Results For:

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

Sampling Date:

Sampling Condition:

Sample Received By:

Received: 12/19/2023

Reported: 12/21/2023 Sampling Type:

Project Name: HOSS SWD #001H
Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 69 @ 6" (H236748-19)

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	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13-	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	173	86.3	200	0.635	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	179	89.7	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	73.8	% 48.2-13-	4						
Surrogate: 1-Chlorooctadecane	68.5	% 49.1-148	8						

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Analytical Results For:

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

Fax To:

Received: 12/19/2023 Sampling Date: 12/18/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 70 @ 6 " (H236748-20)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	173	86.3	200	0.635	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	179	89.7	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.5	% 49.1-14	8						

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12/18/2023

Analytical Results For:

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

Received: 12/19/2023 Sampling Date:

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 71 @ 6" (H236748-21)

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	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	< 0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	173	86.3	200	0.635	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	179	89.7	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	70.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.0	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 12/19/2023

Reported: 12/21/2023

Project Name: HOSS SWD #001H

Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 12/18/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

Sample ID: FL 72 @ 6" (H236748-22)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	186	93.0	200	1.83	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	190	94.8	200	7.17	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	77.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 12/19/2023 Sampling Date: 12/18/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 73 @ 6" (H236748-23)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	186	93.0	200	1.83	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	190	94.8	200	7.17	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	77.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.1	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/19/2023 Sampling Date: 12/18/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 74 @ 6" (H236748-24)

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	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	186	93.0	200	1.83	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	190	94.8	200	7.17	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	70.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.4	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/19/2023 Sampling Date: 12/18/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 75 @ 6" (H236748-25)

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	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	186	93.0	200	1.83	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	190	94.8	200	7.17	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	72.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.2	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/19/2023 Sampling Date: 12/18/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 76 @ 6" (H236748-26)

BTEX 8021B

DILX GOZID	mg/	- Kg	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	186	93.0	200	1.83	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	190	94.8	200	7.17	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	64.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.2	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/19/2023 Sampling Date: 12/18/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 77 @ 6" (H236748-27)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	186	93.0	200	1.83	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	190	94.8	200	7.17	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	64.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.8	% 49.1-14	8						

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12/18/2023

Tamara Oldaker

Analytical Results For:

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

12/19/2023 Sampling Date:

Sample Received By:

Reported: 12/21/2023 Sampling Type: Soil
Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact

Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 78 @ 6 " (H236748-28)

Received:

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	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	186	93.0	200	1.83	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	190	94.8	200	7.17	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	67.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.3	% 49.1-14	8						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Tux

Received: 12/19/2023 Sampling Date: 12/18/2023 Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 79 @ 6" (H236748-29)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/20/2023	ND	464	116	400	7.14	
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	12/20/2023	ND	200	100	200	5.18	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	198	99.2	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	82.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.4	% 49.1-14	8						

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Celey D. Keine



12/18/2023

Tamara Oldaker

Analytical Results For:

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

12/19/2023 Sampling Date:

Sample Received By:

Reported: 12/21/2023 Sampling Type: Soil
Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact

Project Number: 19452

Received:

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 80 @ 6 " (H236748-30)

BTEX 8021B	mg/kg Analyzed By: JH								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13-	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/20/2023	ND	464	116	400	7.14	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	200	100	200	5.18	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	198	99.2	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	87.4	% 48.2-13-	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Analytical Results For:

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

12/19/2023 Sampling Date: 12/21/2023 Sampling Type:

Analyzed By: JH

Project Name: HOSS SWD #001H Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 12/18/2023

Soil

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

Sample ID: FL 81 @ 6" (H236748-31)

Received:

Reported:

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/20/2023	ND	464	116	400	7.14	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	200	100	200	5.18	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	198	99.2	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	72.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane									

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Analytical Results For:

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

12/19/2023

12/21/2023

Project Name: HOSS SWD #001H

Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 12/18/2023

Sampling Type: Soil

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

Sample ID: FL 82 @ 6" (H236748-32)

Received:

Reported:

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.61	131	2.00	7.03	
Toluene*	<0.050	0.050	12/20/2023	ND	2.44	122	2.00	0.740	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.50	125	2.00	1.07	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.35	123	6.00	2.40	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/20/2023	ND	464	116	400	7.14	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	200	100	200	5.18	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	198	99.2	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	78.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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Analytical Results For:

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

12/19/2023

19452

Reported: 12/21/2023

Project Name: HOSS SWD #001H

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 12/18/2023

Sampling Type: Soil

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

Sample ID: FL 83 @ 6" (H236748-33)

Received:

Project Number:

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.45	123	2.00	4.07	
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/20/2023	ND	464	116	400	7.14	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	200	100	200	5.18	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	198	99.2	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	75.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

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Analytical Results For:

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

12/19/2023 12/21/2023

Project Name: HOSS SWD #001H

Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 12/18/2023

Sampling Type: Soil

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

Sample ID: FL 84 @ 6" (H236748-34)

Received:

Reported:

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.45	123	2.00	4.07	
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/20/2023	ND	464	116	400	7.14	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	200	100	200	5.18	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	198	99.2	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	70.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.8	% 49.1-14	8						

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12/18/2023

Analytical Results For:

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

Sampling Date:

Received: 12/19/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 85 @ 1' (H236748-35)

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	12/20/2023	ND	2.45	123	2.00	4.07	
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	12/20/2023	ND	464	116	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	200	100	200	5.18	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	198	99.2	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	65.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/19/2023 Sampling Date: 12/18/2023 Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 86 @ 6" (H236748-36)

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	12/20/2023	ND	2.45	123	2.00	4.07	
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/20/2023	ND	464	116	400	7.14	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	200	100	200	5.18	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	198	99.2	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	78.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/19/2023 Sampling Date: 12/18/2023

Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 87 @ 6" (H236748-37)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.45	123	2.00	4.07	
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/20/2023	ND	464	116	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	200	100	200	5.18	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	198	99.2	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	74.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.8	% 49.1-14	8						

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Analytical Results For:

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

12/19/2023

19452

Reported: 12/21/2023

Project Name: HOSS SWD #001H

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 12/18/2023

Sampling Type: Soil

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

Sample ID: FL 88 @ 1' (H236748-38)

Received:

Project Number:

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.45	123	2.00	4.07	
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/20/2023	ND	464	116	400	7.14	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	200	100	200	5.18	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	198	99.2	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	77.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/19/2023 Sampling Date: 12/18/2023 Reported: 12/21/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 89 @ 1' (H236748-39)

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	12/20/2023	ND	2.45	123	2.00	4.07	
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63	
Total BTEX	<0.300	0.300	12/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/20/2023	ND	464	116	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					
Surrogate: 1-Chlorooctane	76.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.7	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES

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

Company Name: Etech Em	ironmental & Safety Sol	utions, Inc.	BI	LL TO			ANALYSI	S REQUEST	
Project Manager:	al Crenshai	/	P.O. #:						
Address: 2617 West Marlan		*	Company M	ewbourn					
City: Hobbs	State: NM	Zip: 88240	Attn: Je	H Broom					
Phone #: 575) 264-9884	Fax #:		Address:						
Project #: 19452	Project Own	er: Mewbour	City: Hob	05	1		1		
Project Name: Hoss Su	D #001H		State: //M		0	218			
Project Location: Rus	al eddy linic Casar		Phone #:		Chloride	(8021B)			
Sampler Name: Dow	linic Casar	22	Fax #:		HO I	ВТЕХ			
FOR LAB USE OILLY		MA MA	ATRIX PRESERV.	SAMPLING	1	E E			
4236748	mple I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOII	SLUDGE OTHER Z. ACID/BASE. ICE / COOL ONHER	DATE TIME	41				
DC / FL 39 6	12"	1911		12-18	V	10			
3 FL 41 @	124				11	1			
3 FL 41 @	1'	11111							
4 14 46	1	1(1)		1			+		
5 12 551	619	1111					-		
G FL 56	e 6 in	-1/11			++-	-	-		
7 fl 57 8 fl 58	0 15+	-				+++	-		
946	O I FL	11,111		*			+		
10 4. 60	D IEL	10/0	4	1	1	M CA	+++		
LEASE NOTE: Liability and Demages, Cardilla's	ab and he is		ed contract a tort shall be limited to				1		
Cardi be	sequental damages,	business in	g and received by Cardinal nter loss of use, or loss of pr	olits incurred by client, its subsidia					
Relinquished By:		Received By:	er such claim is based upon any or th	Phone Re		Yes 🗆 No	Add'l Phone	#:	
119/-11-	Date: 12-19-23 Time: 12-19-23	1am	ava Illalat	Fax Resu REMARK		Yes 🗆 No	Add'i Fax #:	-1	
Relinguished By:	no 1414	Julio Bur	na ixioniz	Sec					
telliquisticu by.	Date.	received by.					*		
	Time:	11.12		Please e	mail cop	y of COC an	d results to p	m@etechenv.com	
Delivered By: (Circle One	3)	#140 Sample	e Condition CHECK	ED BY:	1				
Sampler - UPS - Bus - Other	- 8.0 é		es Yes						
FORM-006			cept verbal changes.	Diago for written	hannes A	o 675 202 24	76		
Revision 1.0		aramar camine act	oopt verbar changes.	I leade lak willell (manyes t	0 01 0-333-24			

Page 43 of 45

CHAIN-QF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name: Etech Environmental & Safety Solo	tions Inc.	BILL TO		ANALYSIS REQUEST
Project Manager: Lanc Crenthaw Address: 2617 West Marland		P.O. #: Company MeWbown	'	
City: Hobbs State: NM	Zip: 88240	Attn: Jeff Broom	6.4	
Phone #: (575) 264-9884 Fax #:		Address:		
Project #: 19452 Project Owner	r: Maybourn	city: Hobbs		
Project Name: HOSS SWD #001 H	<u> </u>	State: MZip:	3M) (8)	
Project Location: Rural Eddy		Phone #:	301/ 802	
Project Location: Rural Eddy Sampler Name: Daninic Casure	Ł	Fax #:	**Chloride TPH (8015M)	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL ØIL	ACID/BASE ICE / COOL ATHER ATHER ATHER ATHER ATHER ATHER		
Oc 1/ FL 61 @ 1'	CI	12-18	111	
17 81 67 011		A 12 19	A	
12 FL 62 e 1' 13 FL 63 e 6"	11111	79		
14 FL 64 @ 6 11			1111	
15 Fl 65@ 6"				
16 FL 66 @ 6"				
17 867 66"				
18 FL 68 6 6"		1		
19 FL 69 & 6"	12 1		1/3/1	
20 186 70 6 6"	100	0 0	4 0 0	
		t or tort, shall be limited to the amount paid by the cuent for d received by Cardinal withir 30 days after completion of the	he applicable	
attilisting or successors arising out of or related to the performance of services bereunder by	g without limitation, business interruptions, Cardinal, regardless of whether such claim	loss of use, or loss of profits incurred by clie as subsidia is based upon any of the above stated reasons or otherwise.	se.	
Relinquished By: Date: 12-19-2. Time: 14/14 Date: 14/14 Date: 14/14	Received By:	Phone Re Fax Resu REMARK	ht: Yes E	□ No Add'l Phone #: □ No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: - 8.0	Sample Condition Cool Intact Pres Pre	ion CHECKED BY:	email copy of CC	OC and results to pm@etechenv.com.

FORM-006 Revision 1.0

Received by OCD: 2/29/2024 4:30:50 PM

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES

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

Company Name: Etech Environmental & Safety Sol	utions Inc	BILL TO		ANALYSIS REQUEST
Project Manager: Lanc Crenshaw		P. #:	41	
ddress: 2617 West Marland		Company Mew bown		
city: Hobbs State: NM	Zip : 88240	Attn: Jeff Brown		
Phone #: (575) 264-9884 Fax #:		Address:		
roject #: 19452 Project Own	er: Men/200m	city: Hobbs	11	
Project Name: Hoss SWD #00 Project Location: Rual eddy Sampler Name: Dominic Casure	14	State: NM Zip:	Chloride TPH (8015M) BTEX (8021B)	
roject Location: Rum eddy		Phone #:	Chloride TPH (8015M) 3TEX (8021B	
Sampler Name: Dominic Casure	7	Fax #:	E T S	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	1 F F	
Lab I.D. Sample I.D.	(G)RAB OR (C)OME # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER. ACID/BASE ICE / COOL ATHER THAT		
DU 21 FL71 86"	CIIV	12-18	VVV	
22 FL 72 e6"	111	1 1	1 1 1	
23 FL 73 P6"				
24 FL 74 @6"				
as fl 75 e 6"	111)			
84 FL 76 @ 6 is	100			
27 FL 77 P 6"			++++++	
28 FL 78 611	-11111		1 1 1	
30 84 80 6"	-01 V		AAA	
EASE NOTE: Liab and Damages Card. 's Lity and dients eremedy to		tract or tort, shall be imited to the armount paid by the client f		
rice. I Card ral be consequent a mages,	business rupti		lineies,	
flates or successors arising out of or related to the performance of services hereunder by elinquished By:	cardinal, regardless of whether such cardinal, regardless of whether such cardinal Received By:	aim is based upon any of the above stated reasons or other	tesuit: 🗆 Yes 🗆 l	
12-19-2. Time:	1 days	Fax Res		No Add'I Fax #:
elinguished By: Date:	Repaired Build	a exactly		
	A Sectived by.			
Time:			email copy of COC	and results to pm@etechenv.com.
Delivered By: (Circle One)	#140 Sample Con	dition CHECKED BY: (Initials)		
Delivered By: (Circle One) Sampler - UPS - Bus - Other: - 8.0 c	Yes -	Yes VO	1.	ł

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 8824

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO ANALYSIS REQUEST	
Project Manager: Lane CVENShaw	P.O. #:	
Address: P.O. Box 301	Company: Melvourn	
City: Lovington State: NM Zip: 88260	Attn: Jeff Broan	
Phone #: (575) 396-2378 Fax #: (575) 396-1429	Address:	
Project #: 10 45 2 Project Owner: Mew bourn	City: Holohs	
Project Name: Hoss SwD #FOOl H	State: // Zip:	
Project Location: Ruyal Eddy	State: // Zip: Phone #: PRESERY SAMPLING	
Project Location: Rural Eddy Sampler Name: Dominic Chare	Fax#:	
FOR LAB USE ONLY MATI	PRESERV SAMPLING F M	
(G)RAB OR (C)OMP. ** CONTAINERS GROUNDWATER WASTEWATER SOIL	ACIDIGASE: OTHER: ACIDIGASE: OTHER: ACIDIGASE: OTHER: ACIDIGASE: OTHER:	
DC 3/ 6181 @ 6" C	V 12-28 V V V	
DC 31 FL81 @ 6" C1		
33/2 23 6 6"		
34 FL 84 0 6" 35 FL 85 C 1"		
35 (1850)		
36 FL 86 C 6"		
37 FL 87 @ 6"		
38 ft 88 6 1'		
39 FL 84 @ 1'		
PLEASE NOTE: Liebility and Demeges. Cardinal's liability and client's exclusive namedy for any claim arising whether based analyses. All claims including those for negligence and any other cause whitenever shall be deemed whether shall be described in the demend whether shall be described in the demend whether shall be described in the demend whether shall be described by a conscious of the demend whether shall be demended in the demended of	and received by Cardinal within 30 days after completion of the applicable rs, load of use, or loss of profile incurred by bleen, its substituies,	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 8.05 Sample Cool Sample C	dition CHECKED BY:	

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December 22, 2023

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

RE: HOSS SWD #001H

Enclosed are the results of analyses for samples received by the laboratory on 12/20/23 14:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

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: 12/20/2023 Sampling Date: 12/19/2023
Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 90 @ 6" (H236787-01)

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	12/21/2023	ND	2.40	120	2.00	3.09	
Toluene*	<0.050	0.050	12/21/2023	ND	2.25	112	2.00	2.33	
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.30	115	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.91	115	6.00	3.50	
Total BTEX	<0.300	0.300	12/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	197	98.6	200	2.66	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	200	100	200	0.221	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.0	% 49.1-14	8						

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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: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 91 @ 6" (H236787-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2023	ND	2.40	120	2.00	3.09	
Toluene*	<0.050	0.050	12/21/2023	ND	2.25	112	2.00	2.33	
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.30	115	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.91	115	6.00	3.50	
Total BTEX	<0.300	0.300	12/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	197	98.6	200	2.66	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	200	100	200	0.221	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					
Surrogate: 1-Chlorooctane	101 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.1	% 49.1-14	8						

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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: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 92 @ 6" (H236787-03)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2023	ND	2.40	120	2.00	3.09	
Toluene*	<0.050	0.050	12/22/2023	ND	2.25	112	2.00	2.33	
Ethylbenzene*	<0.050	0.050	12/22/2023	ND	2.30	115	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/22/2023	ND	6.91	115	6.00	3.50	
Total BTEX	<0.300	0.300	12/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	197	98.6	200	2.66	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	200	100	200	0.221	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					
Surrogate: 1-Chlorooctane	97.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Analyzed By: 14

12/20/2023

Reported: 12/22/2023

Project Name: HOSS SWD #001H Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 12/19/2023

Sampling Type: Soil

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

Sample ID: FL 93 @ 6" (H236787-04)

Received:

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	12/22/2023	ND	2.40	120	2.00	3.09	
Toluene*	<0.050	0.050	12/22/2023	ND	2.25	112	2.00	2.33	
Ethylbenzene*	<0.050	0.050	12/22/2023	ND	2.30	115	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/22/2023	ND	6.91	115	6.00	3.50	
Total BTEX	<0.300	0.300	12/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	197	98.6	200	2.66	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	200	100	200	0.221	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 94 @ 6" (H236787-05)

RTFY 8021R

B1EX 8021B	mg,	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2023	ND	2.40	120	2.00	3.09	
Toluene*	<0.050	0.050	12/22/2023	ND	2.25	112	2.00	2.33	
Ethylbenzene*	<0.050	0.050	12/22/2023	ND	2.30	115	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/22/2023	ND	6.91	115	6.00	3.50	
Total BTEX	<0.300	0.300	12/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	197	98.6	200	2.66	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	200	100	200	0.221	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 95 @ 6" (H236787-06)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2023	ND	2.40	120	2.00	3.09	
Toluene*	<0.050	0.050	12/22/2023	ND	2.25	112	2.00	2.33	
Ethylbenzene*	<0.050	0.050	12/22/2023	ND	2.30	115	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/22/2023	ND	6.91	115	6.00	3.50	
Total BTEX	<0.300	0.300	12/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	197	98.6	200	2.66	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	200	100	200	0.221	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					
Surrogate: 1-Chlorooctane	94.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.1	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 96 @ 6" (H236787-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2023	ND	2.40	120	2.00	3.09	
Toluene*	<0.050	0.050	12/22/2023	ND	2.25	112	2.00	2.33	
Ethylbenzene*	<0.050	0.050	12/22/2023	ND	2.30	115	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/22/2023	ND	6.91	115	6.00	3.50	
Total BTEX	<0.300	0.300	12/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	197	98.6	200	2.66	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	200	100	200	0.221	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 97 @ 6" (H236787-08)

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	12/22/2023	ND	2.40	120	2.00	3.09	
Toluene*	<0.050	0.050	12/22/2023	ND	2.25	112	2.00	2.33	
Ethylbenzene*	<0.050	0.050	12/22/2023	ND	2.30	115	2.00	3.23	
Total Xylenes*	<0.150	0.150	12/22/2023	ND	6.91	115	6.00	3.50	
Total BTEX	<0.300	0.300	12/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2023	ND	191	95.5	200	0.181	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	195	97.4	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					
Surrogate: 1-Chlorooctane	110 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	6 49.1-14	8						

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Analytical Results For:

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

Received: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MEWBOURNE - EDDY CO NM

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Sample ID: WW 2 (H236787-09)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2023	ND	2.12	106	2.00	6.99	
Toluene*	<0.050	0.050	12/21/2023	ND	2.23	111	2.00	6.54	
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.25	113	2.00	6.90	
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.81	114	6.00	6.19	
Total BTEX	<0.300	0.300	12/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/21/2023	ND	191	95.5	200	0.181	
DRO >C10-C28*	<10.0	10.0	12/21/2023	ND	195	97.4	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/21/2023	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WW 3 (H236787-10)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2023	ND	2.12	106	2.00	6.99	
Toluene*	<0.050	0.050	12/21/2023	ND	2.23	111	2.00	6.54	
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.25	113	2.00	6.90	
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.81	114	6.00	6.19	
Total BTEX	<0.300	0.300	12/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	191	95.5	200	0.181	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	195	97.4	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 19452

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: NW 2 (H236787-11)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2023	ND	2.12	106	2.00	6.99	
Toluene*	<0.050	0.050	12/21/2023	ND	2.23	111	2.00	6.54	
Ethylbenzene*	<0.050	0.050	12/21/2023	ND	2.25	113	2.00	6.90	
Total Xylenes*	<0.150	0.150	12/21/2023	ND	6.81	114	6.00	6.19	
Total BTEX	<0.300	0.300	12/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	191	95.5	200	0.181	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	195	97.4	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					
Surrogate: 1-Chlorooctane	118 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker 19452

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 142 @ 2' (H236787-12)

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	12/22/2023	ND	2.12	106	2.00	6.99	
Toluene*	<0.050	0.050	12/22/2023	ND	2.23	111	2.00	6.54	
Ethylbenzene*	<0.050	0.050	12/22/2023	ND	2.25	113	2.00	6.90	
Total Xylenes*	<0.150	0.150	12/22/2023	ND	6.81	114	6.00	6.19	
Total BTEX	<0.300	0.300	12/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	191	95.5	200	0.181	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	195	97.4	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 143 @ 3' (H236787-13)

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	12/22/2023	ND	2.12	106	2.00	6.99	
Toluene*	<0.050	0.050	12/22/2023	ND	2.23	111	2.00	6.54	
Ethylbenzene*	<0.050	0.050	12/22/2023	ND	2.25	113	2.00	6.90	
Total Xylenes*	<0.150	0.150	12/22/2023	ND	6.81	114	6.00	6.19	
Total BTEX	<0.300	0.300	12/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	191	95.5	200	0.181	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	195	97.4	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.5	% 49.1-14	8						

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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: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 144 @ 5' (H236787-14)

RTFY 8021R

B1EX 8021B	mg/	кд	Allalyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2023	ND	2.12	106	2.00	6.99	
Toluene*	<0.050	0.050	12/22/2023	ND	2.23	111	2.00	6.54	
Ethylbenzene*	<0.050	0.050	12/22/2023	ND	2.25	113	2.00	6.90	
Total Xylenes*	<0.150	0.150	12/22/2023	ND	6.81	114	6.00	6.19	
Total BTEX	<0.300	0.300	12/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	191	95.5	200	0.181	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	195	97.4	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					
Surrogate: 1-Chlorooctane	112 9	26 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 145 @ 6' (H236787-15)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2023	ND	2.12	106	2.00	6.99	
Toluene*	<0.050	0.050	12/22/2023	ND	2.23	111	2.00	6.54	
Ethylbenzene*	<0.050	0.050	12/22/2023	ND	2.25	113	2.00	6.90	
Total Xylenes*	<0.150	0.150	12/22/2023	ND	6.81	114	6.00	6.19	
Total BTEX	<0.300	0.300	12/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	191	95.5	200	0.181	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	195	97.4	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

70170 17.1170

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Analytical Results For:

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

Received: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 146 @ 3' (H236787-16)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2023	ND	2.12	106	2.00	6.99	
Toluene*	<0.050	0.050	12/22/2023	ND	2.23	111	2.00	6.54	
Ethylbenzene*	<0.050	0.050	12/22/2023	ND	2.25	113	2.00	6.90	
Total Xylenes*	<0.150	0.150	12/22/2023	ND	6.81	114	6.00	6.19	
Total BTEX	<0.300	0.300	12/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	191	95.5	200	0.181	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	195	97.4	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 147 @ 3' (H236787-17)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.050 <0.150	0.050 0.050 0.050	Analyzed 12/22/2023 12/22/2023 12/22/2023	Method Blank ND ND	BS 2.12 2.23	% Recovery	True Value QC 2.00	RPD 6.99	Qualifier
<0.050 <0.050 <0.150	0.050 0.050	12/22/2023					6.99	
<0.050 <0.150	0.050		ND	2.23	111			
<0.150		12/22/2023			111	2.00	6.54	
	0.150		ND	2.25	113	2.00	6.90	
	0.150	12/22/2023	ND	6.81	114	6.00	6.19	
<0.300	0.300	12/22/2023	ND					
117 9	% 71.5-13	4						
mg,	/kg	Analyze	d By: HM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
352	16.0	12/22/2023	ND	432	108	400	3.64	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	12/22/2023	ND	191	95.5	200	0.181	
<10.0	10.0	12/22/2023	ND	195	97.4	200	3.85	
<10.0	10.0	12/22/2023	ND					
107	% 48.2-13	4						
105	% 49.1-14	8						
	<0.300 117 9 mg/ Result 352 mg/ Result <10.0 <10.0 107 9	<0.300 117 % 71.5-13 mg/ky Result Reporting Limit 352 16.0 mg/ky Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 10.7 % 48.2-13	<0.300 0.300 12/22/2023 117 % 71.5-134 Result Reporting Limit Analyzed 352 16.0 12/22/2023 Result Reporting Limit Analyzed <10.0	<0.300 12/22/2023 ND 117 % 71.5-134 mg/ky Analyzed By: HM Result Reporting Limit Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0	<0.300 12/22/2023 ND 117 % 71.5-134 mg/ky Analyzed By: HM Result Reporting Limit Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	< 0.300 12/22/2023 ND 117 % 71.5-134 Try	< 0.300 12/22/2023 ND 117 % 71.5-134 True Value Verlauge	< 0.300 12/22/2023 ND 117 / 71.5-134 True Value QC RPD Analyzed By: HM Result Result Init Analyzed Bright Init Analyzed Blank BS Recovery True Value QC RPD Result Result Init Analyzed Method Blank BS Recovery True Value QC RPD <10.0

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Analytical Results For:

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

Received: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 148 @ 3' (H236787-18)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2023	ND	2.12	106	2.00	6.99	
Toluene*	<0.050	0.050	12/22/2023	ND	2.23	111	2.00	6.54	
Ethylbenzene*	<0.050	0.050	12/22/2023	ND	2.25	113	2.00	6.90	
Total Xylenes*	<0.150	0.150	12/22/2023	ND	6.81	114	6.00	6.19	
Total BTEX	<0.300	0.300	12/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	191	95.5	200	0.181	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	195	97.4	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 149 @ 4' (H236787-19)

BTEX 8021B

DILX GOZID	11197	- Kg	Alldiyac	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2023	ND	2.12	106	2.00	6.99	
Toluene*	<0.050	0.050	12/22/2023	ND	2.23	111	2.00	6.54	
Ethylbenzene*	<0.050	0.050	12/22/2023	ND	2.25	113	2.00	6.90	
Total Xylenes*	<0.150	0.150	12/22/2023	ND	6.81	114	6.00	6.19	
Total BTEX	<0.300	0.300	12/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	191	95.5	200	0.181	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	195	97.4	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/20/2023 Sampling Date: 12/19/2023

Reported: 12/22/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 150 @ 3' (H236787-20)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/22/2023	ND	2.12	106	2.00	6.99	
Toluene*	<0.050	0.050	12/22/2023	ND	2.23	111	2.00	6.54	
Ethylbenzene*	<0.050	0.050	12/22/2023	ND	2.25	113	2.00	6.90	
Total Xylenes*	<0.150	0.150	12/22/2023	ND	6.81	114	6.00	6.19	
Total BTEX	<0.300	0.300	12/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	12/22/2023	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	191	95.5	200	0.181	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	195	97.4	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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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.

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

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

Company Name	Etech Environmental & Safety Solut	_	, Inc	2.		-			-	E	3/L	L	TO		_		_	_	_	A	NA	YS	S	RE	QUE	ST		 	
Project Manage	: Lanc Crenshaw			-	-			P.C). #:	-						T	T	_	T	T		1	T	T		T	T		
Address: P.O	. Box 301							Co	mpa	iny:	n	Tevi	balr	n															
City: Lovingto	on State: NM	Zip:	88	260				Altu	n:	7	ef.	L B	300	Lyn						J									
Phone #: (575	5) 396-2378 Fax #: (575) 3	96-1	429						dres		P-14		-																
Project#: 194	15 2 Project Owner	·w	1en	v b	OW	^		_			561	55																	
Project Name:	HOSS SUID #001											Zip:				N		18											
Project Location	Hoss SWD #001 Bral eddy			-			A.		one	-					문	101		802											
Sampler Name:	Dominic Cosare	2		-				Fau		=-	1		,		Chloride	TPH (8015M)		BTEX (8021B)											
FOR LAB USE ONLY	Dorthing Ostri				M	ATRI	X	_	PRE	SEF	RV.	SA	MPLI	NG	W	1	-	100						.					
Lab I.D. <i>H234</i> 787	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	отнея:	ACID/BASE:	ICE / COOL	OTHER:	DA	ATE	TIME															
DC 1	FL 90 @ 6"	C	17	Ť		1	1			V		12-	19		V		V	L	1	T			T						
2	FL 91 0 6 "	1	ì			1	1			1		1	,		1	1		1									1		
3	FL 92 e 6 11		П										1,		П			T											
4	FL 93 @ 6 "		П																										
5	FL 94 @ 6"						1																						
6	FL 95 @ 6 11	11	Ц									13	P		11			1											
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10	WW3	1	L			V I		av fa-		0		4		A be the effect for	1	1		_											
analyses, All claims includi	nd Damages, Cardinal's liability and client's exclusive remedy for ing those for negligence and any other cause whatsoever shall be	deeпн	nd proin	yed un	less ma	de in wet	Nog ao	d recu	iyati by	y Card	Second we	ithin 30	days allo	r completion of t	the applica	rable													
sufficiences or successions arisi	ardinal be liable for incidental or consequental dismages, includin log out of or related to the performance of services hereunder by	Cardino	d, rege	edless	of what				ed up	on any	of the	a above	staind re	stons or otherw	ise.	(5)	W		7.04-		-0-600	Di	- 44						
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FORM-006 Revision 1.0

Received by OCD: 2/29/2024 4:30:50 PM

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY	AND	ANALY	SIS	REQUEST

Company Name: Etech Envi	ronmental & Safety Solut	ons	Inc							B	IL	L TO						ANA	LYS	SR	EQUE	ST		
Project Manager: Land	Crenshav							P.O	. #:							T	T	1			1			
Address: P.O. Box 301								Cor	npa	ny: /	Me	Wbov	rn	1										
City: Lovington	State: NM	Zip:	882	260			,	Attı	1:	Je	14	Brook	107	1										
Phone #: (575) 396-2378	Fax #: (575) 3	96-1	429						ires			,		1		1							1	
Project #: 19452	Project Owner	· p	ICW	bo	uri	1	1 1	City	r. /	401	66	5		-		-								
Project Name: (1059	SWD #001	4						Sta	te: /	non	1 Z	ip:			SM)	21B								
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FOR LAB USE ONLY					M	ATRI	(PRE	SER	٧.	SAMPL	NG	1	1	18								
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Delivered By: (Circle One Sampler - UPS - Bus - Othe	1	t14	40		Cool.	le Co Inta es	act -	1			CKE		Please	email	resul	is to	om@e	eteche	nv.coi	m.				

FORM-006

Received by OCD: 2/29/2024 4:30:50 PM

Revision 1.0



December 28, 2023

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

RE: HOSS SWD #001H

Enclosed are the results of analyses for samples received by the laboratory on 12/21/23 14:49.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

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: 12/21/2023 Sampling Date: 12/20/2023 Soil

Reported: 12/28/2023 Sampling Type: Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact

Project Number: 19452 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: NW 3 (H236808-01)

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	12/27/2023	ND	2.26	113	2.00	8.46	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.28	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.23	112	2.00	7.83	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.74	112	6.00	7.83	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/27/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	207	103	200	0.951	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.0	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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: 12/21/2023 Sampling Date: 12/20/2023 Reported: 12/28/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Shalyn Rodriguez Project Number: 19452 Sample Received By:

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: EW 2 (H236808-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.46	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.28	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.23	112	2.00	7.83	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.74	112	6.00	7.83	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	207	103	200	0.951	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.0	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

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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: 12/21/2023 Sampling Date: 12/20/2023

Reported: 12/28/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: EW 3 (H236808-03)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.46	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.28	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.23	112	2.00	7.83	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.74	112	6.00	7.83	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	207	103	200	0.951	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.0	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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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: 12/21/2023 Sampling Date: 12/20/2023

Reported: 12/28/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Project Number: 19452 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: EW 4 (H236808-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.46	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.28	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.23	112	2.00	7.83	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.74	112	6.00	7.83	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	207	103	200	0.951	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.0	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	89.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

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Celey D. Keine



Sample Received By:

Analytical Results For:

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

Received: 12/21/2023 Sampling Date: 12/20/2023 Reported: 12/28/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

19452

Sample ID: EW 5 (H236808-05)

Project Number:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.46	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.28	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.23	112	2.00	7.83	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.74	112	6.00	7.83	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	207	103	200	0.951	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.0	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	99.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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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: 12/21/2023 Sampling Date: 12/20/2023

Reported: 12/28/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 141 @ 4' (H236808-06)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.46	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.28	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.23	112	2.00	7.83	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.74	112	6.00	7.83	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	207	103	200	0.951	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.0	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 12/21/2023 Sampling Date: 12/20/2023

Reported: 12/28/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 140 @ 3' (H236808-07)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.46	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.28	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.23	112	2.00	7.83	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.74	112	6.00	7.83	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-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	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	207	103	200	0.951	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.0	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Celey D. Kreine



Analytical Results For:

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

Fax To:

Received: 12/21/2023 Sampling Date: 12/20/2023

Reported: 12/28/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 139 @ 3' (H236808-08)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.46	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.28	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.23	112	2.00	7.83	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.74	112	6.00	7.83	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	207	103	200	0.951	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.0	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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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: 12/21/2023 Sampling Date: 12/20/2023

Reported: 12/28/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 138 @ 1' (H236808-09)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.46	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.28	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.23	112	2.00	7.83	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.74	112	6.00	7.83	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	209	104	200	1.97	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.1	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	74.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/21/2023 Sampling Date: 12/20/2023
Reported: 12/28/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 137 @ 3' (H236808-10)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.46	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.28	
Ethylbenzene*	< 0.050	0.050	12/27/2023	ND	2.23	112	2.00	7.83	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.74	112	6.00	7.83	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	209	104	200	1.97	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.1	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	78.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.8	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/21/2023 Sampling Date: 12/20/2023

Reported: 12/28/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 136 @ 3' (H236808-11)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.46	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.28	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.23	112	2.00	7.83	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.74	112	6.00	7.83	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	209	104	200	1.97	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.1	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	76.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.8	% 49.1-14	8						

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Analytical Results For:

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

 Received:
 12/21/2023
 Sampling Date:
 12/20/2023

 Reported:
 12/28/2023
 Sampling Type:
 Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 135 @ 2' (H236808-12)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.46	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.28	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.23	112	2.00	7.83	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.74	112	6.00	7.83	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	209	104	200	1.97	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.1	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	76.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.4	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/21/2023 Sampling Date: 12/20/2023

Reported: 12/28/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 106 @ 1' (H236808-13)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.46	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	8.28	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.23	112	2.00	7.83	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.74	112	6.00	7.83	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	209	104	200	1.97	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.1	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	77.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.2	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/21/2023 Sampling Date: 12/20/2023

Reported: 12/28/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 105 @ 1' (H236808-14)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.29	114	2.00	6.22	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	4.18	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.37	119	2.00	3.55	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	7.08	118	6.00	2.90	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	209	104	200	1.97	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.1	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	78.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.5	% 49.1-14	8						

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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: 12/21/2023 Sampling Date: 12/20/2023

Reported: 12/28/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 104 @ 2' (H236808-15)

BTEX 8021B

DILX GOZID	11197	- Kg	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.29	114	2.00	6.22	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	4.18	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.37	119	2.00	3.55	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	7.08	118	6.00	2.90	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	209	104	200	1.97	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.1	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	63.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	54.9	% 49.1-14	8						

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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:
 12/21/2023
 Sampling Date:
 12/20/2023

 Reported:
 12/28/2023
 Sampling Type:
 Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 103 @ 2' (H236808-16)

BTEX 8021B

DIEX GOZID	11197	- Kg	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.29	114	2.00	6.22	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	4.18	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.37	119	2.00	3.55	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	7.08	118	6.00	2.90	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	209	104	200	1.97	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.1	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	79.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/21/2023 Sampling Date: 12/20/2023
Reported: 12/28/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 102 @ 2' (H236808-17)

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	12/27/2023	ND	2.29	114	2.00	6.22	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	4.18	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.37	119	2.00	3.55	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	7.08	118	6.00	2.90	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	209	104	200	1.97	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.1	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	77.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.7	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Analyzed By: JH

 Received:
 12/21/2023
 Sampling Date:
 12/20/2023

 Reported:
 12/28/2023
 Sampling Type:
 Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 101 @ 2' (H236808-18)

BTEX 8021B

DIEX GOZID	ıııg,	K9	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.29	114	2.00	6.22	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	4.18	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.37	119	2.00	3.55	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	7.08	118	6.00	2.90	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	209	104	200	1.97	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.1	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	75.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.8	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/21/2023 Sampling Date: 12/20/2023

Reported: 12/28/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 100 @ 2' (H236808-19)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.29	114	2.00	6.22	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	4.18	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.37	119	2.00	3.55	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	7.08	118	6.00	2.90	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	209	104	200	1.97	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.1	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.4	% 49.1-14	8						

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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: 12/21/2023 Sampling Date: 12/20/2023

Reported: 12/28/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 99 @ 2' (H236808-20)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.29	114	2.00	6.22	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	4.18	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.37	119	2.00	3.55	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	7.08	118	6.00	2.90	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	209	104	200	1.97	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.1	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	79.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.2	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/21/2023 Sampling Date: 12/20/2023

Reported: 12/28/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 98 @ 3' (H236808-21)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.29	114	2.00	6.22	
Toluene*	<0.050	0.050	12/27/2023	ND	2.26	113	2.00	4.18	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.37	119	2.00	3.55	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	7.08	118	6.00	2.90	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/28/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/27/2023	ND	209	104	200	1.97	
DRO >C10-C28*	<10.0	10.0	12/27/2023	ND	188	94.1	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	12/27/2023	ND					
Surrogate: 1-Chlorooctane	80.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.0	% 49.1-14	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO	ANALYSIS REQUEST				
Project Manager: Lanc (renshow	P.O. #:					
Address: P.O. Box 301	Company: Mew burn					
City: Lovington State: NM Zip: 88260	Attn: Jeff Brown					
Phone #: (575) 396-2378 Fax #: (575) 396-1429	Address:					
Project #: 19452 Project Owner: Mew bourn	City: Hobbs					
Project Name: Hoss Sup #OOLH	State: Ma-Zip:	27 B 27 B				
Project Location: Rural @ 2dv	Phone #:	Chloride H (8015)				
Project Name: Hoss Swp #001 H Project Location: Rural e2dy Sampler Name: Deminic Casavet	Fax #:	Chloride TPH (8015M) BTEX (8021B)				
FOR LAB USE ONLY MATR	PRESERV. SAMPLING					
(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:					
DC 1 NW3 CI	12-20					
2 Ev2 1111						
3 EW3						
4 EW4	1 1 1					
5 EWS						
6 F2 141 @ 4 ·						
7 12 140 @ 3						
8 FL 139 & 5						
9 1138 0 1						
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analyses. All claims including those for negligence and any other cause whetevower shall be deemed leaked unless made in we service. In no event small Certinal be liable for inclinated or consequential duringes, including without limitation, business intermediations or unconsens rational out of related to the performance of services hereunder by cardinal, regardless of whether aux Relinquished by: Received By:	ng and receivelt by Cardinal within 30 days latter completion of form, loss of use, or loss of profile incurred by client, its subsid	the applicable laries,				
Relinquished By: Date: Received By:	nignilly Fax Res	ult: 🗆 Yes 🗆 No Add'l Fax #:				
Delivered By: (Circle One) Sample Cool Intercept Supplies Cool Intercep	ndition CHECKED BY:					

FORM-006 Revision 1.0 Released to Imaging: 5/15/2024 10:34:45 AM

Page 24 of 26

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

Page 25 of 26

CHAIN OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476

Company Name: Etech Environmental & Safety	Solutions	, Inc	d.					BIL	L TO						ANA	LYSIS	S RE	QUE	ST			
Project Manager: Lanc Crensh	LV					P.O.	#:															
Address: P.O. Box 301						Com	pany	1. 16	new bo	urn												
City: Lovington State: N	M Zip	: 88:	260		9	Altn:	-	Je	++ B	rum												
Phone #: (575) 396-2378 Fax #: (5	75) 396-1	429			E.	Addr			.1											1		
Project #: 19452 Project (wner: /	nei	vbo	VV		City:	1	tos	585				_									
Project Name: Hoss SwP				1		State	: /	12	Zip:			€M	21B									
Project Location: Rural ed	14					Phon	e #:	-			Chloride	TPH (8015M)	BTEX (8021B)									
Project Location: Roral ede Sampler Name: Dominic Co	SCV-	-	2			Fax #	k:	3			등	I	X									
FOR LAB USE ONLY				MATRI	X	PF	RESE	RV.	SAMPL	ING	1	1	B				10					
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ICE / COOL	OTHER:	DATE	TIME					*							
D/ 1/FL 136@ 3°	C	1		/			-		17-20		V	U	L									
12FL 135 EZ	Y	1			4 8		1		1		Mr	1	1									
13 FL 106 @ 11											1											
14 FL 105 @ 1 -								h														
15 A 104 @ 7	1	1					1	134														
16 62 103 @ 2'					-) in				11									
17 51 102 6 2.		1				-	1		1				11	-	-							
18 1210165	-	#	-		4		1		1		-	1		-	-	-	-	-		-		
1961 1006 2	- KY	h		14	1		6	1	W/ 1	-	N	N	W	1	-	-	-	-		-	-	
PLEASE NOTE: Liability and Darrages. Cardinal's liability and client's exclusive ren	nedy for any clai	m arisi	no whether	based in a	contract	or tort, sle	all be fi	miled to	the amount pa	id by the client fo	rthe				1							
analyses. All claims including those for negligence and any other cause whatsoeve service. In no event shall Cardinal be liable for incidental or consequental damages	shall be deem	IG Wally	ed unless	made in w	ning and	received	by Can	rdinal wi	Whin 30 days all	er completion of t	the applica	bie										
Relinquished By: Relinquished By: Date: Time: Time:	33 R	ecei	ved By	ordher suc 7: 00	h plaim i	s pesed o	ipon an	ny of the	above stated r		ion. Psuft:	O Ye		No No		Phone Fax #:	#:	10. 100 Jan 10				
Delivered By: (Circle One)	,	10	Co	npie Co ol Int Yes	Tes	1	CH		ED BY:	Please e	email r	esult	s to p	m@e	techen	IV.COIT	1.					

FORM-006 Revision 1.0

Received by OCD: 2/29/2024 4:30:50 PM



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Name:	: Etech Environmental	A	BILL TO	ANALYSIS REQUEST
Project Manager	r: Lance Crenshaw		P.O. #:	
Address: 261	7 W Marland Blvd		Company: McWarr	
City: Hobbs	State: NM	Zip: 88240	Attn: Jeff Broom]
Phone #: (575	5) 264-9884 Fax #:		Address:	
Project #: 194	52 Project Owner:	Mewbourne Oil Company	City: Hobbes	
Project Name:	Hoss SWD #001H		State: NmZip:	
Project Location	n: GPS:(32.1515588, -104.0501793)		Phone #:	
Sampler Name:	Duninic Caking		Fax #:	1
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	7
Lab I.D. H236808	Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL ÖLL	ACID/BASE: ICE / COOL ATHER:	TPH TPH BYEX 8021
DC 31	FL98 E 3'	CI	12-20	
				- 4
		A	6	
	d Damages. Cardinal's liability and client's exclusive remedy for			

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.

Relinguished By:	Date: 2 2\ 40/11/2023	Received By:	0. 0	Phone Result: Fax Result:	□ Yes	□ No	Add'l Phone #: Add'l Fax #:
19/11 July	Time: 449	Skoun	muli	REMARKS:	Email o	py of Co	OC and results to: PM@etechenv.com
Relinquished By:	Date:	Received By:	0				
	Time:		,				
Delivered By: (Circle One)	-11.Di	Sample Condition Cool Intact	CHECKED BY:				
Sampler - UPS - Bus - Other:	4	O Pyes Pyes	1010	1		1	

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 FORM-006 R 2.0



December 29, 2023

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

RE: HOSS SWD #001H

Enclosed are the results of analyses for samples received by the laboratory on 12/22/23 14:33.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

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:

12/22/2023

Reported: 12/29/2023

Project Name: HOSS SWD #001H

Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 12/21/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Sample ID: NW 4 (H236831-01)

Received:

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.23	111	2.00	0.305	
Toluene*	<0.050	0.050	12/27/2023	ND	2.20	110	2.00	0.0704	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.21	111	2.00	0.403	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.46	108	6.00	0.610	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/28/2023	ND	384	96.0	400	8.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/28/2023	ND	243	122	200	0.529	
DRO >C10-C28*	<10.0	10.0	12/28/2023	ND	241	120	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	12/28/2023	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

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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: 12/22/2023 Sampling Date: 12/21/2023

Reported: 12/29/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: NW 5 (H236831-02)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.23	111	2.00	0.305	
Toluene*	<0.050	0.050	12/27/2023	ND	2.20	110	2.00	0.0704	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.21	111	2.00	0.403	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.46	108	6.00	0.610	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/28/2023	ND	384	96.0	400	8.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/28/2023	ND	243	122	200	0.529	
DRO >C10-C28*	<10.0	10.0	12/28/2023	ND	241	120	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	12/28/2023	ND					
Surrogate: 1-Chlorooctane	78.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/22/2023 Sampling Date: 12/21/2023 Reported: 12/29/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Shari Cisneros

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WW 4 (H236831-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.23	111	2.00	0.305	
Toluene*	<0.050	0.050	12/27/2023	ND	2.20	110	2.00	0.0704	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.21	111	2.00	0.403	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.46	108	6.00	0.610	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/28/2023	ND	384	96.0	400	8.00	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/28/2023	ND	243	122	200	0.529	
DRO >C10-C28*	<10.0	10.0	12/28/2023	ND	241	120	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	12/28/2023	ND					
Surrogate: 1-Chlorooctane	76.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.2	% 49.1-14	8						

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Analytical Results For:

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

Analyzed By: 14

Received: 12/22/2023 Sampling Date: 12/21/2023
Reported: 12/29/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shari Cisneros

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

Sample ID: WW 5 (H236831-04)

RTFY 8021R

Result <0.050 <0.050	Reporting Limit 0.050	Analyzed 12/27/2023	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	0.050	12/27/2022			,	True value qe	N D	Qualifier
<0.050		12/2//2023	ND	2.23	111	2.00	0.305	
	0.050	12/27/2023	ND	2.20	110	2.00	0.0704	
<0.050	0.050	12/27/2023	ND	2.21	111	2.00	0.403	
<0.150	0.150	12/27/2023	ND	6.46	108	6.00	0.610	
<0.300	0.300	12/27/2023	ND					
97.6	% 71.5-13	4						
mg,	/kg	Analyzed By: HM						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
208	16.0	12/28/2023	ND	384	96.0	400	8.00	
mg,	/kg	Analyzed By: MS						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	12/28/2023	ND	243	122	200	0.529	
<10.0	10.0	12/28/2023	ND	241	120	200	3.59	
<10.0	10.0	12/28/2023	ND					
76.1	% 48.2-13	4						
85.6	% 49.1-14	8						
	<0.150 <0.300 97.6 mg/ Result 208 mg/ Result <10.0 <10.0 <76.1	<0.150 0.150 <0.300 0.300 97.6	<0.150	<0.150	<0.150	< 0.150 0.150 12/27/2023 ND 6.46 108 < 0.300 0.300 12/27/2023 ND 6.46 108 97.6 % 71.5-134 Meg/k Analyzed By: HM Result Reporting Limit Analyzed Method Blank BS % Recovery Analyzed ND 243 122 Analyzed ND 241 120 Analyzed ND 241 120 Analyzed ND 241 120 Analyzed ND 241 120 Analyzed ND 243 <	<0.150	<0.150

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Analytical Results For:

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

Fax To:

Received: 12/22/2023 Sampling Date: 12/21/2023

Reported: 12/29/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: SW 1B (H236831-05)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.23	111	2.00	0.305	
Toluene*	<0.050	0.050	12/27/2023	ND	2.20	110	2.00	0.0704	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.21	111	2.00	0.403	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.46	108	6.00	0.610	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	12/28/2023	ND	384	96.0	400	8.00	
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	12/28/2023	ND	243	122	200	0.529	
DRO >C10-C28*	<10.0	10.0	12/28/2023	ND	241	120	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	12/28/2023	ND					
Surrogate: 1-Chlorooctane	74.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.3	% 49.1-14	8						

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Shari Cisneros

Sample Received By:

Analytical Results For:

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

Analyzed By: 14

Received: 12/22/2023 Sampling Date: 12/21/2023

Reported: 12/29/2023 Sampling Type: Soil
Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact

Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

Sample ID: WW 1B (H236831-06)

RTFY 8021R

Result <0.050 <0.050	Reporting Limit 0.050	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	0.050	12/27/2022			70 110001017	True value qe	KFD	Qualifier
<0.050		12/27/2023	ND	2.23	111	2.00	0.305	
	0.050	12/27/2023	ND	2.20	110	2.00	0.0704	
<0.050	0.050	12/27/2023	ND	2.21	111	2.00	0.403	
<0.150	0.150	12/27/2023	ND	6.46	108	6.00	0.610	
<0.300	0.300	12/27/2023	ND					
98.2	% 71.5-13	4						
mg,	/kg	Analyzed By: HM						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
496	16.0	12/28/2023	ND	384	96.0	400	8.00	
mg,	/kg	Analyzed By: MS						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	12/28/2023	ND	243	122	200	0.529	
<10.0	10.0	12/28/2023	ND	241	120	200	3.59	
<10.0	10.0	12/28/2023	ND					
71.1	% 48.2-13	4						
82.4	% 49.1-14	8						
	<0.150 <0.300 98.2 mg/ Result 496 mg/ Result <10.0 <10.0 <71.1	<0.150 0.150 <0.300 0.300 98.2	<0.150	<0.150 12/27/2023 ND 98.2 % 71.5-134 Mesult Result Reporting Limit Analyzed By: HM Analyzed By: HM Result Reporting Limit Analyzed By: MS Result Reporting Limit Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0	<0.150	<0.150	<0.150	<0.150

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Analytical Results For:

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

Received: 12/22/2023 Sampling Date: 12/21/2023

Reported: 12/29/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shari Cisneros

Applyzod By: 14

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 134 @ 3 (H236831-07)

RTFY 8021R

True Value QC 2.00 2.00 2.00 6.00	0.305 0.0704 0.403 0.610	Qualifier
2.00 2.00	0.0704 0.403	
2.00	0.403	
6.00	0.610	
True Value QC	RPD	Qualifier
400	8.00	
True Value QC	RPD	Qualifier
200	0.529	
200	3.59	
_		

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Analytical Results For:

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

Fax To:

Received: 12/22/2023 Sampling Date: 12/21/2023

Reported: 12/29/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shari Cisneros

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: FL 110 @ 1 (H236831-08)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.23	111	2.00	0.305	
Toluene*	<0.050	0.050	12/27/2023	ND	2.20	110	2.00	0.0704	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.21	111	2.00	0.403	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.46	108	6.00	0.610	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	12/28/2023	ND	384	96.0	400	8.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/28/2023	ND	243	122	200	0.529	
DRO >C10-C28*	<10.0	10.0	12/28/2023	ND	241	120	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	12/28/2023	ND					
Surrogate: 1-Chlorooctane	79.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 12/22/2023 Sampling Date: 12/21/2023

Reported: 12/29/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Shari Cisneros

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 111 @ 1 (H236831-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.23	111	2.00	0.305	
Toluene*	<0.050	0.050	12/27/2023	ND	2.20	110	2.00	0.0704	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.21	111	2.00	0.403	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.46	108	6.00	0.610	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/28/2023	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/28/2023	ND	243	122	200	0.529	
DRO >C10-C28*	<10.0	10.0	12/28/2023	ND	241	120	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	12/28/2023	ND					
Surrogate: 1-Chlorooctane	79.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/22/2023 Sampling Date: 12/21/2023

Reported: 12/29/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Project Number: Sample Received By: 19452 Shari Cisneros

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 112 @ 1 (H236831-10)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.23	111	2.00	0.305	
Toluene*	<0.050	0.050	12/27/2023	ND	2.20	110	2.00	0.0704	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.21	111	2.00	0.403	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.46	108	6.00	0.610	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	12/28/2023	ND	432	108	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/28/2023	ND	243	122	200	0.529	
DRO >C10-C28*	<10.0	10.0	12/28/2023	ND	241	120	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	12/28/2023	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.1	% 49.1-14	8						

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Analytical Results For:

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

Analyzed By: 14

Fax To:

Received: 12/22/2023 Sampling Date: 12/21/2023
Reported: 12/29/2023 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact

Project Number: 19452 Sample Received By: Shari Cisneros
Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 107 @ 2 (H236831-11)

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	12/27/2023	ND	2.23	111	2.00	0.305	
Toluene*	<0.050	0.050	12/27/2023	ND	2.20	110	2.00	0.0704	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.21	111	2.00	0.403	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.46	108	6.00	0.610	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	12/28/2023	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/28/2023	ND	243	122	200	0.529	
DRO >C10-C28*	<10.0	10.0	12/28/2023	ND	241	120	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	12/28/2023	ND					
Surrogate: 1-Chlorooctane	80.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.8	% 49.1-14	8						

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Analytical Results For:

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

Analyzed By: 14

Received: 12/22/2023 Reported: 12/29/2023

Project Name: HOSS SWD #001H

Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sampling Date: 12/21/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Sample ID: FL 108 @ 2 (H236831-12)

RTFY 8021R

B1EX 8021B	mg/	rkg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/27/2023	ND	2.23	111	2.00	0.305	
Toluene*	<0.050	0.050	12/27/2023	ND	2.20	110	2.00	0.0704	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.21	111	2.00	0.403	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.46	108	6.00	0.610	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	12/28/2023	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/28/2023	ND	243	122	200	0.529	
DRO >C10-C28*	<10.0	10.0	12/28/2023	ND	241	120	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	12/28/2023	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.9	% 49.1-14	8						

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Shari Cisneros

Sample Received By:

Analytical Results For:

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

Received: 12/22/2023 Sampling Date: 12/21/2023

Reported: 12/29/2023 Sampling Type: Soil Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact

Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL 109 @ 2 (H236831-13)

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	12/27/2023	ND	2.23	111	2.00	0.305	
Toluene*	<0.050	0.050	12/27/2023	ND	2.20	110	2.00	0.0704	
Ethylbenzene*	<0.050	0.050	12/27/2023	ND	2.21	111	2.00	0.403	
Total Xylenes*	<0.150	0.150	12/27/2023	ND	6.46	108	6.00	0.610	
Total BTEX	<0.300	0.300	12/27/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	12/28/2023	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/28/2023	ND	243	122	200	0.529	
DRO >C10-C28*	<10.0	10.0	12/28/2023	ND	241	120	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	12/28/2023	ND					
Surrogate: 1-Chlorooctane	77.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.5	% 49.1-14	8						

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Notes and Definitions

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

Released to Imaging: 5/15/2024 10:34:45 AM



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Name	e: Etech Environmental								BIL	LTO		L				ANAL	YSIS	REQUES	ST	
Project Manage	r: Lance Crenshaw						P.O.								1					Т
Address: 261	7 W Marland Blvd						Com	pany	:1	1ew oc	urn] '	1		1					
City: Hobbs	State: NM	Zip:	8	8240			Attn:	-	re	ff Bro	2014						Ly			
Phone #: (57	5) 264-9884 Fax #:					-	Addı	1088:			- 6	1								
Project #: 194	Froject Owner:	Me	wbour	me Oil	Comp	any	City:	1	401	675	1									
	Hoss SWD #001H	1					State	: 1	m:	Zip:	30		-		1					1
Project Location	n: GPS:(32.1515588, -104.0501793)						Phor	ne #:												
Sampler Name:	Dominic Casav	27					Fax	F:			TOTAL Y									
FOR LAB USE ONLY					MATRI	X	P	RESE	RV.	SAMPLI	NG	1			1					
Lab I.D.	Sample I.D.	G)RAB OR (C)OM	* CONTAINERS	WASTEWATER	SOIL	SLUDGE	OTHER:	CE / COOL	OTHER:	DATE	TIME	Chloride	ТВН	BYEX 8021			0			
12/1	NWU	C	1		1			7		12-21		V	V	1						T
2	NW5	1	1					1	13	1		1	L	1						
3	WW4										1				1					
4	WW5	11	1									4	11	11						1
5	SW IB	14	1									17	11	11	1	-				1
6	WWIB	1/1	4					\perp	'			11	1	11	-				-	1
7	FL 134 C3	\square	11				_	\perp					1	11	1				1	4
8	110011		11					1					11	1	4	-			-	1
9	FLINEI	1	4					1		11		N	AN	4	-		-			+
10	FL 112 @ 1 " and Damages. Cardinal's liability and client's exclusive remedy for a	A.	V			A		V		0		10	1	10	1_					

Relinquished By:	Date: /3/3/23 Received By:	Phone Result: ☐ Yes ☐ No Add'l Phone #: Fax Result: ☐ Yes ☐ No Add'l Fax #:
Reflinquished By:	Time: Received By:	REMARKS: Email copy of COC and results to: PM@etechenv.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition CHECKET Cool Intage (Initial Yes Yes No No	

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 FORM-006 R 2.0

Page 17 of 17

RDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

Company Name	Etech Environmental & Safety Solut		BILL TO				ANALYSIS	REQUEST
Project Manage			P.O. #:				ARAL 1313	KEQUEST
Address: P.O			Company: M&W ba	10				
		Zip: 88260	Altn: Jeff.3	CODIN				
	5) 396-2378 Fax #: (575) 3							
			Address:					
	Project Owner	Menbourn	City:		S.	â		
Project Name:	n: Rural edd Dominic Casary	V 7F0014	State: Zip:		Chloride TPH (8015M)	BTEX (8021B)		
Project Location	n: Roral ed	7	Phone #:		nlor (80	8) X		
Sampler Name:	Wominic Lasery	MATRIX	Fax #:		O H	1		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLI	NG		0		
Lab 1.D. H236831	Sample I.D.	(G)RAB OR (C)OMI # CONTAINERS GROUNDWATER WASTEWATER SOIL ON.	OTHER: ACID/BASE: ICE / COOL ATHER:	TIME				
10011	FL 10762	CIIV	12-21	1	VV	4		
12	FL 10762' FL 1086 2. FL 1096 21	CIV			1	U		
13	FL 109 E ZC	(1)	1		VV			
			1					
			A SAMPLE OF					
					-		+++	
					-			
ON PARE MOTE. L'ALBON	nd Damages, Cardinal's liability and client's eaclusive remedy for	sov ctain arising whether based in contra	ct or lort, shall be limited to the amount on	by the client for the				
analyses, All claims includ	ing those for negligence and any other cause whetsoever shall be Cardinal be liable for moidential or consequental damages, includir	s gnilles til ebern sælen beviser berneeb	and received by Cardinal within 30 days 🐗	completion of the a	applicable		9	
Relinguished B	ing out of or related to the performance of services hereunder by	Cardinal, regardless of whether such clai	rn is based upon any of the above stated re	I Phone Resu		s 🗆 No	Add'i Phone #:	
Relinguished B	100000	Received By:	whereis	Fax Result: REMARKS:	□ Ye	s 🗆 No	Add'l Fax #:	
	Circle One) - Bus - Other: -4.2 #	Sample Cond Cool Intact Yes Yes	CHECKED BY: (Initials)		V			

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

FORM-006 Revision 1.0

Received by OCD: 2/29/2024 4:30:50 PM

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



January 03, 2024

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

RE: HOSS SWD #001H

Enclosed are the results of analyses for samples received by the laboratory on 12/29/23 14:11.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

 Received:
 12/29/2023
 Sampling Date:
 12/29/2023

 Reported:
 01/03/2024
 Sampling Type:
 Soil

Reported: 01/03/2024 Sampling Type: Soil
Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact

Project Number: 19452 Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: FL - 105 @ 2' (H236869-01)

BTEX 8021B

	9,	9							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/02/2024	ND	1.92	95.9	2.00	8.29	
Toluene*	<0.050	0.050	01/02/2024	ND	1.87	93.4	2.00	8.89	
Ethylbenzene*	<0.050	0.050	01/02/2024	ND	1.85	92.7	2.00	8.52	
Total Xylenes*	<0.150	0.150	01/02/2024	ND	5.40	89.9	6.00	8.66	
Total BTEX	<0.300	0.300	01/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/02/2024	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	12/29/2023	ND	232	116	200	3.55	
DRO >C10-C28*	<10.0	10.0	12/29/2023	ND	222	111	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	12/29/2023	ND					
Surrogate: 1-Chlorooctane	91.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/29/2023 Sampling Date: 12/29/2023

Reported: 01/03/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Project Number: Sample Received By: Dionica Hinojos 19452

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 106 @ 2' (H236869-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/02/2024	ND	1.92	95.9	2.00	8.29	
Toluene*	<0.050	0.050	01/02/2024	ND	1.87	93.4	2.00	8.89	
Ethylbenzene*	<0.050	0.050	01/02/2024	ND	1.85	92.7	2.00	8.52	
Total Xylenes*	<0.150	0.150	01/02/2024	ND	5.40	89.9	6.00	8.66	
Total BTEX	<0.300	0.300	01/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/02/2024	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	12/30/2023	ND	232	116	200	3.55	
DRO >C10-C28*	<10.0	10.0	12/30/2023	ND	222	111	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	12/30/2023	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 12/29/2023 Sampling Date: 12/29/2023

Reported: 01/03/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 113 @ 4' (H236869-03)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/02/2024	ND	1.92	95.9	2.00	8.29	
Toluene*	<0.050	0.050	01/02/2024	ND	1.87	93.4	2.00	8.89	
Ethylbenzene*	<0.050	0.050	01/02/2024	ND	1.85	92.7	2.00	8.52	
Total Xylenes*	<0.150	0.150	01/02/2024	ND	5.40	89.9	6.00	8.66	
Total BTEX	<0.300	0.300	01/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/02/2024	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	12/30/2023	ND	232	116	200	3.55	
DRO >C10-C28*	<10.0	10.0	12/30/2023	ND	222	111	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	12/30/2023	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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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: 12/29/2023 Sampling Date: 12/29/2023

Reported: 01/03/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Project Number: Sample Received By: 19452 Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 115 @ 4' (H236869-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/02/2024	ND	1.92	95.9	2.00	8.29	
Toluene*	<0.050	0.050	01/02/2024	ND	1.87	93.4	2.00	8.89	
Ethylbenzene*	<0.050	0.050	01/02/2024	ND	1.85	92.7	2.00	8.52	
Total Xylenes*	<0.150	0.150	01/02/2024	ND	5.40	89.9	6.00	8.66	
Total BTEX	<0.300	0.300	01/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/02/2024	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	12/30/2023	ND	232	116	200	3.55	
DRO >C10-C28*	<10.0	10.0	12/30/2023	ND	222	111	200	6.98	
EXT DRO >C28-C36	<10.0	10.0	12/30/2023	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

Received by OCD: 2/29/2024 4:30:50 PM,



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Etech Environm	nental						11	30' . 5'	B	LL TO						ANA	LYSIS	RE	QUES	ST		-
Project Manager	: Lance Crensha	w F _x						P.C	D. #:	1		1				į.					-	1	
Address: 2617	7 W Marland Blvd							Co	mpa	ny:			4										
City: Hobbs		State: NM	Zip	: 8	8240	0		Att	n:				1										
Phone #: (575	5) 264-9884	Fax #:						Ad	dres	s:	111		1										
Project #: 194	52	Project Owner:	М	ewbou	rne O	il Com	pany	Cit	y:	,			1			١,							
Project Name:	Hoss SWD #001H							Sta	ate:		Zip:)	1 '			¥							
Project Location		588, -104.0501793)						Ph	one	#:								1,					
Sampler Name:	Plantin Se				, .		4	Fa	x #:			6						,					
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			G)RAB OR	# CONTAINERS	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME	Chloride	TPH	BTEX 8021								
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	ng out of or related to the perform	mance of services hereunder by C	ardinal.	regardles	ss of wh	ether suc						ons or otherwise.		m w		-	14 1 44 7						
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Sampler - UPS - Bus - Other:

Cool Intact
Yes Yes

[†] Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 FORM-006 R 2.0



January 10, 2024

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: HOSS SWD #001H

Enclosed are the results of analyses for samples received by the laboratory on 01/05/24 14:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

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

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

Project: HOSS SWD #001H

Reported: 10-Jan-24 11:24

2617 W MARLAND HOBBS NM, 88240 Project Number: 19452

Project Manager: JOEL LOWRY

Fax To:

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL - 119 @ 5'	H240054-01	Soil	04-Jan-24 00:00	05-Jan-24 14:55
FL - 120 @ 5'	H240054-02	Soil	04-Jan-24 00:00	05-Jan-24 14:55
FL - 121 @ 2'	H240054-03	Soil	04-Jan-24 00:00	05-Jan-24 14:55
FL - 122 @ 2'	H240054-04	Soil	04-Jan-24 00:00	05-Jan-24 14:55
FL - 114 @ 4'	H240054-05	Soil	04-Jan-24 00:00	05-Jan-24 14:55
FL - 146 @ 5'	H240054-06	Soil	04-Jan-24 00:00	05-Jan-24 14:55

01/10/24 - Client changed the sample IDs of 01 - 04 (see COC). This is the revised report and will replace the one sent earlier today, 01/10/24.

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Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: HOSS SWD #001H

Project Number: 19452

Project Manager: JOEL LOWRY

Fax To:

Reported: 10-Jan-24 11:24

FL - 119 @ 5' H240054-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	480		16.0	mg/kg	4	4010804	НМ	08-Jan-24	4500-Cl-B	QR-03
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			97.6 %	71.5	-134	4010520	JH	05-Jan-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	
Surrogate: 1-Chlorooctane			109 %	48.2	-134	4010522	MS	05-Jan-24	8015B	
Surrogate: 1-Chlorooctadecane			121 %	49.1	-148	4010522	MS	05-Jan-24	8015B	

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: HOSS SWD #001H

Project Number: 19452

Project Manager: JOEL LOWRY

Fax To:

Reported: 10-Jan-24 11:24

FL - 120 @ 5' H240054-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	384		16.0	mg/kg	4	4010804	HM	08-Jan-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4010520	JН	05-Jan-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4010520	ЈН	05-Jan-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		97.4 %	71.5	-134	4010520	ЈН	05-Jan-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	
Surrogate: 1-Chlorooctane			129 %	48.2	-134	4010522	MS	05-Jan-24	8015B	
Surrogate: 1-Chlorooctadecane			141 %	49.1	-148	4010522	MS	05-Jan-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: HOSS SWD #001H

Project Number: 19452

Project Manager: JOEL LOWRY

Fax To:

Reported: 10-Jan-24 11:24

FL - 121 @ 2' H240054-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	176	·	16.0	mg/kg	4	4010804	НМ	08-Jan-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4010520	ЛН	05-Jan-24	8021B	•
Toluene*	< 0.050		0.050	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4010520	JН	05-Jan-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)	·	97.3 %	71.5	-134	4010520	JH	05-Jan-24	8021B	·
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	•
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	
Surrogate: 1-Chlorooctane			104 %	48.2	-134	4010522	MS	05-Jan-24	8015B	
Surrogate: 1-Chlorooctadecane			113 %	49.1	-148	4010522	MS	05-Jan-24	8015B	

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Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: HOSS SWD #001H

Project Number: 19452

Project Manager: JOEL LOWRY

Fax To:

Reported: 10-Jan-24 11:24

FL - 122 @ 2'

H240054-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	4010804	HM	08-Jan-24	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			97.9 %	71.5	-134	4010520	JH	05-Jan-24	8021B	
Petroleum Hydrocarbons by Go	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	4010522	MS	05-Jan-24	8015B	
Surrogate: 1-Chlorooctadecane			112 %	49.1	-148	4010522	MS	05-Jan-24	8015B	

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: HOSS SWD #001H

Project Number: 19452

Project Manager: JOEL LOWRY

Fax To:

Reported: 10-Jan-24 11:24

FL - 114 @ 4' H240054-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	480		16.0	mg/kg	4	4010804	HM	08-Jan-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		97.5 %	71.5	-134	4010520	ЈН	05-Jan-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	
Surrogate: 1-Chlorooctane			109 %	48.2	-134	4010522	MS	05-Jan-24	8015B	
Surrogate: 1-Chlorooctadecane			117 %	49.1	-148	4010522	MS	05-Jan-24	8015B	

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Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: HOSS SWD #001H

Project Number: 19452

Project Manager: JOEL LOWRY

Fax To:

Reported: 10-Jan-24 11:24

FL - 146 @ 5' H240054-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	4010804	HM	08-Jan-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4010520	JH	05-Jan-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		97.3 %	71.5	-134	4010520	ЈН	05-Jan-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4010522	MS	05-Jan-24	8015B	
Surrogate: 1-Chlorooctane			107 %	48.2	-134	4010522	MS	05-Jan-24	8015B	
Surrogate: 1-Chlorooctadecane			117 %	49.1	-148	4010522	MS	05-Jan-24	8015B	

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Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240 Project: HOSS SWD #001H

Project Number: 19452

Project Manager: JOEL LOWRY

Fax To:

Reported: 10-Jan-24 11:24

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4010804 - 1:4 DI Water										
Blank (4010804-BLK1)				Prepared &	: Analyzed:	08-Jan-24				
Chloride	ND	16.0	mg/kg							
LCS (4010804-BS1)				Prepared &	: Analyzed:	08-Jan-24				
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (4010804-BSD1)				Prepared &	Analyzed:	08-Jan-24				
Chloride	448	16.0	mg/kg	400		112	80-120	0.00	20	

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%REC

Limits

RPD

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240

Analyte

Project: HOSS SWD #001H

Spike

Level

Source

Result

%REC

Project Number: 19452

Project Manager: JOEL LOWRY

Fax To:

Reported: 10-Jan-24 11:24

RPD

Limit

Notes

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

Blank (4010520-BLK1)				Prepared & Analy	yzed: 05-Jan-24		
Benzene	ND	0.050	mg/kg				
Toluene	ND	0.050	mg/kg				
Ethylbenzene	ND	0.050	mg/kg				
Total Xylenes	ND	0.150	mg/kg				
Total BTEX	ND	0.300	mg/kg				
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500	97.4	71.5-134	
LCS (4010520-BS1)				Prepared & Analy	yzed: 05-Jan-24		

Benzene	2.21	0.050	mg/kg	2.00	110	82.8-130	
Toluene	2.18	0.050	mg/kg	2.00	109	86-128	
Ethylbenzene	2.17	0.050	mg/kg	2.00	108	85.9-128	
m,p-Xylene	4.21	0.100	mg/kg	4.00	105	89-129	
o-Xylene	2.11	0.050	mg/kg	2.00	105	86.1-125	
Total Xylenes	6.32	0.150	mg/kg	6.00	105	88.2-128	
Surrogate: 4-Bromofluorobenzene (PID)	0.0486		mø/kø	0.0500	97.3	71.5-134	_

Surroguie. 4-Bromojiuorobenzene (1 1D)	0.0400		mg/kg	0.0300	97.3	/1.5-154			
LCS Dup (4010520-BSD1)				Prepared & Ana	alyzed: 05-Jan-24				
Benzene	2.18	0.050	mg/kg	2.00	109	82.8-130	1.56	15.8	
Toluene	2.15	0.050	mg/kg	2.00	107	86-128	1.31	15.9	
Ethylbenzene	2.14	0.050	mg/kg	2.00	107	85.9-128	1.25	16	
m,p-Xylene	4.15	0.100	mg/kg	4.00	104	89-129	1.34	16.2	
o-Xylene	2.08	0.050	mg/kg	2.00	104	86.1-125	1.24	16.7	
Total Xylenes	6.24	0.150	mg/kg	6.00	104	88.2-128	1.31	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0486		mg/kg	0.0500	97.2	71.5-134			

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%REC

Limits

RPD

Analytical Results For:

Etech Environmental & Safety Solutions

2617 W MARLAND HOBBS NM, 88240

Analyte

DRO >C10-C28

Total TPH C6-C28

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Project: HOSS SWD #001H

Spike

Level

Source

Result

%REC

86.7

85.0

103

110

66.5-118

77.6-123

48.2-134

49.1-148

4.32

21

18.5

Project Number: 19452

Project Manager: JOEL LOWRY

Fax To:

Reported: 10-Jan-24 11:24

RPD

Limit

Notes

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

10.0

Result

173

340

51.6

54.8

Blank (4010522-BLK1)				Prepared & Anal	yzed: 05-Jan-24				
GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	61.6		mg/kg	50.0	123	48.2-134			
Surrogate: 1-Chlorooctadecane	68.8		mg/kg	50.0	138	49.1-148			
LCS (4010522-BS1)				Prepared & Anal	yzed: 05-Jan-24				
GRO C6-C10	167	10.0	mg/kg	200	83.7	66.4-123			
DRO >C10-C28	181	10.0	mg/kg	200	90.5	66.5-118			
Total TPH C6-C28	348	10.0	mg/kg	400	87.1	77.6-123			
Surrogate: 1-Chlorooctane	53.0		mg/kg	50.0	106	48.2-134			
Surrogate: 1-Chlorooctadecane	55.8		mg/kg	50.0	112	49.1-148			
LCS Dup (4010522-BSD1)				Prepared & Anal	yzed: 05-Jan-24				
GRO C6-C10	167	10.0	mg/kg	200	83.4	66.4-123	0.316	17.7	

mg/kg

mg/kg

mg/kg

mg/kg

200

400

50.0

50.0

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Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch

accepted based on LCS and/or LCSD recovery and/or RPD values.

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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Page 13 of 13

E.

ARDINAL LABORATORIES

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

Company Name		ntal & Safety Soluti	ons,	Inc			Ξ		UN	BI	LL TO	- 1					ANA	LYSI	S RI	EQUE	ST		
Project Manage	er: Lance Crenshaw							P	.0.#					j									
Address: 26	17 West Marland							o	omp	any	Mewbo	urne											
City: Hobbs		State: NM	Zip:	882	240			A	ttn:		Connor Wa	alker											
Phone #: (57	5) 264-9884	Fax #:						A	ddre	ss:													
Project #: 194	152	Project Owner	:	Me	wbo	urne		c	ity:														
Project Name:	Hoss SWD #001H									NM	Zip:		0	SM)	BTEX (8021B)								
Project Locatio	n: 32.1515588, -104.	0501793							hone				l is	301	805				1				
	Dominic Casarez			1					ax #:				Chloride	TPH (8015M)	X								
FOR LAB USE ONLY						MAT	RIX	-	_	SERV.	SAMPL	ING	1	르	BTI	1							
Ha40054		.4.	C)OMP.	RS	TER	Ľ		E 80		/	1		1			1							
Lab I.D.	Sample	I.D.	G)RAB OR (C)OMP	CONTAINERS	GROUNDWATER	WASTEWATER	JIC	SLUDGE	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME											
1	FL-119 @ 5'		C	1	0	X	0	os c	1	X	1/4/24	1	X	X	X		_						
Q	FL-20 @ 5'		C	1		X		1		X	1/4/24!		X	X	X								
3	FL-21 @ 2'		С	1		X		4.		Х	1/4/24		X	X	X		4						
4	FL:22 @ 2'		C	1		×	П	7		X	1/4/24		Х	X	X								
50	FL-114 @ 4'		С	1		×				X	1/4/24		Х	X	X								
6	FL-146 @ 5'		С	1		X				X	1/4/24		Х	Х	Х								
					1	П	4	Ŧ			- 11												
LEASE NOTE: Linb to a	nd Damages. Cardina 's lability and ci	ent's excusive remedy for an	y claim	arising	g wheth	er based	n conti	ract or t	prt, shall	be limited to	o the amount pa	d by the c. ent fo	rthe										
ervice. In no event shall C	ardinal be lefor or cone ing out of or leated to the performan	e of services hereunder by Ca	idhout irdinal	fimitat regard	ion, bus	whether s	muptio	ns, loss	of use, o	r loss of pr	offis incurred by	client, its subsidie	ries, se	☐ Ye	s 🗆	No	Add'l	Phone	#:				
Minguished B	Jan	1/5/24 Time: 14:50 Date:	Rec		ed l	V:	_	/				Fax Resu REMARK	lt: S:	☐ Ye	s \square	No o	Add'i		ale	دو	ED (Cha	uge
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	: (Circle One) - Bus - Other:	-12			C	ool l	ntac	1		CHECK (Init	ED BY:	riease 6	The state of the s	esuits	and	сору (UI CO(, to pr	nwe	ieche!	IV.COIT	. ,	

FORM-006 Revision 1.0

Received by OCD: 2/29/2024 4:30:50 PM



January 09, 2024

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

RE: HOSS SWD #001H

Enclosed are the results of analyses for samples received by the laboratory on 01/08/24 14:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 01/08/2024 Sampling Date: 01/05/2024 Reported: 01/09/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Project Number: 19452 Sample Received By: Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: SW - 3 (H240068-01)

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	01/08/2024	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	01/08/2024	ND	2.05	102	2.00	0.803	
Ethylbenzene*	<0.050	0.050	01/08/2024	ND	2.03	101	2.00	1.08	
Total Xylenes*	<0.150	0.150	01/08/2024	ND	6.03	101	6.00	1.21	
Total BTEX	<0.300	0.300	01/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/09/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/08/2024	ND	222	111	200	1.03	
DRO >C10-C28*	<10.0	10.0	01/08/2024	ND	218	109	200	0.454	
EXT DRO >C28-C36	<10.0	10.0	01/08/2024	ND					
Surrogate: 1-Chlorooctane	115	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/08/2024 Sampling Date: 01/05/2024

Reported: 01/09/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

Sample ID: EW - 6 (H240068-02)

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	01/08/2024	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	01/08/2024	ND	2.05	102	2.00	0.803	
Ethylbenzene*	<0.050	0.050	01/08/2024	ND	2.03	101	2.00	1.08	
Total Xylenes*	<0.150	0.150	01/08/2024	ND	6.03	101	6.00	1.21	
Total BTEX	<0.300	0.300	01/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/09/2024	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/08/2024	ND	222	111	200	1.03	
DRO >C10-C28*	<10.0	10.0	01/08/2024	ND	218	109	200	0.454	
EXT DRO >C28-C36	<10.0	10.0	01/08/2024	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/08/2024 Sampling Date: 01/05/2024

Reported: 01/09/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 123 @ 3' (H240068-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2024	ND	2.02	101	2.00	1.39	
Toluene*	< 0.050	0.050	01/08/2024	ND	2.05	102	2.00	0.803	
Ethylbenzene*	<0.050	0.050	01/08/2024	ND	2.03	101	2.00	1.08	
Total Xylenes*	<0.150	0.150	01/08/2024	ND	6.03	101	6.00	1.21	
Total BTEX	<0.300	0.300	01/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/09/2024	ND	448	112	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/08/2024	ND	222	111	200	1.03	
DRO >C10-C28*	<10.0	10.0	01/08/2024	ND	218	109	200	0.454	
EXT DRO >C28-C36	<10.0	10.0	01/08/2024	ND					
Surrogate: 1-Chlorooctane	117 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 %	6 49.1-14	8						

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Analytical Results For:

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

Analyzed By: JH

01/08/2024 01/09/2024

Project Name: HOSS SWD #001H

Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 01/05/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shalyn Rodriguez

Sample ID: FL - 124 @ 3' (H240068-04)

Received:

Reported:

BTEX 8021B

	<u> </u>			. ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2024	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	01/08/2024	ND	2.05	102	2.00	0.803	
Ethylbenzene*	<0.050	0.050	01/08/2024	ND	2.03	101	2.00	1.08	
Total Xylenes*	<0.150	0.150	01/08/2024	ND	6.03	101	6.00	1.21	
Total BTEX	<0.300	0.300	01/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/09/2024	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/08/2024	ND	222	111	200	1.03	
DRO >C10-C28*	<10.0	10.0	01/08/2024	ND	218	109	200	0.454	
EXT DRO >C28-C36	<10.0	10.0	01/08/2024	ND					
Surrogate: 1-Chlorooctane	120	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/08/2024 Sampling Date: 01/05/2024

Reported: 01/09/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 65 @ 1' (H240068-05)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2024	ND	2.02	101	2.00	1.39	
Toluene*	<0.050	0.050	01/08/2024	ND	2.05	102	2.00	0.803	
Ethylbenzene*	<0.050	0.050	01/08/2024	ND	2.03	101	2.00	1.08	
Total Xylenes*	<0.150	0.150	01/08/2024	ND	6.03	101	6.00	1.21	
Total BTEX	<0.300	0.300	01/08/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/09/2024	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/08/2024	ND	222	111	200	1.03	
DRO >C10-C28*	<10.0	10.0	01/08/2024	ND	218	109	200	0.454	
EXT DRO >C28-C36	<10.0	10.0	01/08/2024	ND					
Surrogate: 1-Chlorooctane	118	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Page 8 of 8

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476

Company Name	: Etech Environmental & Safety Solu	tions	s, Įn	C.				, -		BI	LL TO						ANAL'	YSIS REQ	UEST	
Project Manage	r: Lance Crenshaw					-		P.O.	#:		1									
Address: 261	7 West Marland							Com	pan	У	SEE REN	MARKS		-11						
City: Hobbs	State: NM	Zip	: 88	240				Attn:												
Phone #: (57	5) 264-9884 Fax #:							Addr	ess	:		U								
Project #: 194	52 Project Owne	r:	M	ewbo	urne			City:									W			
Project Name:	Hoss SWD #001H							State	: 1	NM	Zip:		9	TPH (8015M)	(8021B)		1			
Project Locatio	n: 32.1515588, -104.0501793							Phon	e #	:			Chloride	801	(80					
Sampler Name:	Dominic Casarez		1					Fax #	F:)		등	Ŧ	BTEX					1/2
FOR LAB USE ONLY			Г		MA	TRIX	(P	RES	ERV.	SAMPL	ING	1	F	B					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE.	OTHER.	ICE / COOL	OTHER:	DATE	TIME	٧			den				
1	SW-3	С	1	П	X			T	×		1/5/24		Х	Х	Х				_	
à	EW-6	С	4		X		ji.		>		1/5/24		X	Х	X					
337	FL-123 @ 3'	С	1		X				×		1/5/24		X	Х	X					
7	FL-124 @ 3'	С	1		X		9		X		1/5/24		X	Х	X	_				
5	FL-65 @ 1'	С	1	H	X			1	X	-	1/5/24		X	X	X					
								1	-		Y			1						
			H		+				+	H		-								
analyses. A claims includi	ind Damages. Cardinal's liability and client's exclusive remedy for a ng those for negligence and any other cause whatsoever shall be ardinal be liable for incidental or consequental demages.	deeme	d wei	ed unles	s made i	n writir	ng and r	eceived	by Ca	rdinal v	ithin 30 days aft	er completion of	he applica	ble			M			
	ng out of or related to the performance of services hereunder by 0	ardina	rega		whether							Phone Re Fax Resu	se sult: lt:	□ Ye		No No	Add'l Ph			
Relinquished B	Date! Time:	Re	cer	ved E	By:	0	P	of	U	l	y	REMARK RUS	H S				wbourn	e C/O Conn	or Walker	and rush
	(Circle One) - Bus - Other:	+1	40	C	ool Yes	Inta	ct	•	CH	(Initi	ED BY:	charges	thE	ech (C/O L	ance	Crensh			

FORM-006 Revision 1.0

Received by OCD: 2/29/2024 4:30:50 PM

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



January 11, 2024

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

RE: HOSS SWD #001H

Enclosed are the results of analyses for samples received by the laboratory on 01/10/24 14:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 01/10/2024 Sampling Date: 01/09/2024

Reported: 01/11/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: FL - 125 @ 6" (H240107-01)

BTEX 8021B

BIEX 6021B	ilig	/ Kg	Allalyze	и ву: эп					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2024	ND	2.36	118	2.00	1.61	
Toluene*	<0.050	0.050	01/10/2024	ND	2.37	119	2.00	3.78	
Ethylbenzene*	<0.050	0.050	01/10/2024	ND	2.48	124	2.00	5.63	
Total Xylenes*	<0.150	0.150	01/10/2024	ND	7.52	125	6.00	6.34	
Total BTEX	<0.300	0.300	01/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	01/11/2024	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	01/10/2024	ND	227	114	200	10.5	
DRO >C10-C28*	<10.0	10.0	01/10/2024	ND	226	113	200	7.44	
EXT DRO >C28-C36	<10.0	10.0	01/10/2024	ND					
Surrogate: 1-Chlorooctane	75.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/10/2024 Sampling Date: 01/09/2024

Reported: 01/11/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL - 126 @ 6" (H240107-02)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2024	ND	2.36	118	2.00	1.61	
Toluene*	<0.050	0.050	01/10/2024	ND	2.37	119	2.00	3.78	
Ethylbenzene*	<0.050	0.050	01/10/2024	ND	2.48	124	2.00	5.63	
Total Xylenes*	<0.150	0.150	01/10/2024	ND	7.52	125	6.00	6.34	
Total BTEX	<0.300	0.300	01/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 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	432	16.0	01/11/2024	ND	448	112	400	7.41	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2024	ND	227	114	200	10.5	
DRO >C10-C28*	<10.0	10.0	01/10/2024	ND	226	113	200	7.44	
EXT DRO >C28-C36	<10.0	10.0	01/10/2024	ND					
Surrogate: 1-Chlorooctane	68.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/10/2024 Sampling Date: 01/09/2024

Reported: 01/11/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Project Number: 19452 Sample Received By: Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: NW - 6 (H240107-03)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2024	ND	2.36	118	2.00	1.61	
Toluene*	<0.050	0.050	01/10/2024	ND	2.37	119	2.00	3.78	
Ethylbenzene*	<0.050	0.050	01/10/2024	ND	2.48	124	2.00	5.63	
Total Xylenes*	<0.150	0.150	01/10/2024	ND	7.52	125	6.00	6.34	
Total BTEX	<0.300	0.300	01/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	01/11/2024	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	01/10/2024	ND	227	114	200	10.5	
DRO >C10-C28*	<10.0	10.0	01/10/2024	ND	226	113	200	7.44	
EXT DRO >C28-C36	<10.0	10.0	01/10/2024	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 01/10/2024 Sampling Date: 01/09/2024

Reported: 01/11/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Project Number: 19452 Sample Received By: Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: NW - 7 (H240107-04)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2024	ND	2.36	118	2.00	1.61	
Toluene*	<0.050	0.050	01/10/2024	ND	2.37	119	2.00	3.78	
Ethylbenzene*	<0.050	0.050	01/10/2024	ND	2.48	124	2.00	5.63	
Total Xylenes*	<0.150	0.150	01/10/2024	ND	7.52	125	6.00	6.34	
Total BTEX	<0.300	0.300	01/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	01/11/2024	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	01/10/2024	ND	227	114	200	10.5	
DRO >C10-C28*	<10.0	10.0	01/10/2024	ND	226	113	200	7.44	
EXT DRO >C28-C36	<10.0	10.0	01/10/2024	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 01/10/2024 Sampling Date: 01/09/2024

Reported: 01/11/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: NW - 8 (H240107-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2024	ND	2.36	118	2.00	1.61	
Toluene*	<0.050	0.050	01/10/2024	ND	2.37	119	2.00	3.78	
Ethylbenzene*	<0.050	0.050	01/10/2024	ND	2.48	124	2.00	5.63	
Total Xylenes*	<0.150	0.150	01/10/2024	ND	7.52	125	6.00	6.34	
Total BTEX	<0.300	0.300	01/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/11/2024	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	01/10/2024	ND	227	114	200	10.5	
DRO >C10-C28*	<10.0	10.0	01/10/2024	ND	226	113	200	7.44	
EXT DRO >C28-C36	<10.0	10.0	01/10/2024	ND					
Surrogate: 1-Chlorooctane	81.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

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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: 01/10/2024 Sampling Date: 01/09/2024

Reported: 01/11/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: MEWBOURNE - EDDY CO NM

ma/ka

Sample ID: EW - 7 (H240107-06)

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	01/10/2024	ND	2.36	118	2.00	1.61	
Toluene*	<0.050	0.050	01/10/2024	ND	2.37	119	2.00	3.78	
Ethylbenzene*	<0.050	0.050	01/10/2024	ND	2.48	124	2.00	5.63	
Total Xylenes*	<0.150	0.150	01/10/2024	ND	7.52	125	6.00	6.34	
Total BTEX	<0.300	0.300	01/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/11/2024	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	01/10/2024	ND	227	114	200	10.5	
DRO >C10-C28*	<10.0	10.0	01/10/2024	ND	226	113	200	7.44	
EXT DRO >C28-C36	<10.0	10.0	01/10/2024	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 01/10/2024 Sampling Date: 01/09/2024

Reported: 01/11/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: EW - 8 (H240107-07)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2024	ND	2.36	118	2.00	1.61	
Toluene*	<0.050	0.050	01/10/2024	ND	2.37	119	2.00	3.78	
Ethylbenzene*	<0.050	0.050	01/10/2024	ND	2.48	124	2.00	5.63	
Total Xylenes*	<0.150	0.150	01/10/2024	ND	7.52	125	6.00	6.34	
Total BTEX	<0.300	0.300	01/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	160	16.0	01/11/2024	ND	448	112	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2024	ND	227	114	200	10.5	
DRO >C10-C28*	<10.0	10.0	01/10/2024	ND	226	113	200	7.44	
EXT DRO >C28-C36	<10.0	10.0	01/10/2024	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/10/2024 Sampling Date: 01/09/2024

Reported: 01/11/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Project Number: 19452 Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: SW - 4 (H240107-08)

BTEX 8021B

DILX GOZID	mg/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2024	ND	2.36	118	2.00	1.61	
Toluene*	<0.050	0.050	01/10/2024	ND	2.37	119	2.00	3.78	
Ethylbenzene*	<0.050	0.050	01/10/2024	ND	2.48	124	2.00	5.63	
Total Xylenes*	<0.150	0.150	01/10/2024	ND	7.52	125	6.00	6.34	
Total BTEX	<0.300	0.300	01/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	01/11/2024	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	01/10/2024	ND	227	114	200	10.5	
DRO >C10-C28*	<10.0	10.0	01/10/2024	ND	226	113	200	7.44	
EXT DRO >C28-C36	<10.0	10.0	01/10/2024	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 01/10/2024 Sampling Date: 01/09/2024

Reported: 01/11/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WW - 6 (H240107-09)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2024	ND	2.36	118	2.00	1.61	
Toluene*	<0.050	0.050	01/10/2024	ND	2.37	119	2.00	3.78	
Ethylbenzene*	<0.050	0.050	01/10/2024	ND	2.48	124	2.00	5.63	
Total Xylenes*	<0.150	0.150	01/10/2024	ND	7.52	125	6.00	6.34	
Total BTEX	<0.300	0.300	01/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/11/2024	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	01/10/2024	ND	227	114	200	10.5	
DRO >C10-C28*	<10.0	10.0	01/10/2024	ND	226	113	200	7.44	
EXT DRO >C28-C36	<10.0	10.0	01/10/2024	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/10/2024 Sampling Date: 01/09/2024

Reported: 01/11/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WW - 7 (H240107-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2024	ND	2.36	118	2.00	1.61	
Toluene*	<0.050	0.050	01/10/2024	ND	2.37	119	2.00	3.78	
Ethylbenzene*	<0.050	0.050	01/10/2024	ND	2.48	124	2.00	5.63	
Total Xylenes*	<0.150	0.150	01/10/2024	ND	7.52	125	6.00	6.34	
Total BTEX	<0.300	0.300	01/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/11/2024	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/10/2024	ND	227	114	200	10.5	
DRO >C10-C28*	<10.0	10.0	01/10/2024	ND	226	113	200	7.44	
EXT DRO >C28-C36	<10.0	10.0	01/10/2024	ND					
Surrogate: 1-Chlorooctane	83.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.6	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 01/10/2024 Sampling Date: 01/09/2024

Reported: 01/11/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WW - 8 (H240107-11)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/10/2024	ND	2.36	118	2.00	1.61	
Toluene*	<0.050	0.050	01/10/2024	ND	2.37	119	2.00	3.78	
Ethylbenzene*	<0.050	0.050	01/10/2024	ND	2.48	124	2.00	5.63	
Total Xylenes*	<0.150	0.150	01/10/2024	ND	7.52	125	6.00	6.34	
Total BTEX	<0.300	0.300	01/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/11/2024	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2024	ND	227	114	200	10.5	
DRO >C10-C28*	13.2	10.0	01/11/2024	ND	226	113	200	7.44	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	75.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/10/2024

Reported: 01/11/2024

Project Name: HOSS SWD #001H

Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM Sampling Date: 01/09/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Dionica Hinojos

Sample ID: WW - 9 (H240107-12)

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	01/10/2024	ND	2.36	118	2.00	1.61	
Toluene*	<0.050	0.050	01/10/2024	ND	2.37	119	2.00	3.78	
Ethylbenzene*	< 0.050	0.050	01/10/2024	ND	2.48	124	2.00	5.63	
Total Xylenes*	<0.150	0.150	01/10/2024	ND	7.52	125	6.00	6.34	
Total BTEX	<0.300	0.300	01/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/11/2024	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2024	ND	227	114	200	10.5	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	226	113	200	7.44	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene

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: 01/10/2024 Sampling Date: 01/09/2024

Reported: 01/11/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: WW - 10 (H240107-13)

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	01/10/2024	ND	2.36	118	2.00	1.61	
Toluene*	<0.050	0.050	01/10/2024	ND	2.37	119	2.00	3.78	
Ethylbenzene*	<0.050	0.050	01/10/2024	ND	2.48	124	2.00	5.63	
Total Xylenes*	<0.150	0.150	01/10/2024	ND	7.52	125	6.00	6.34	
Total BTEX	<0.300	0.300	01/10/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/11/2024	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/11/2024	ND	227	114	200	10.5	
DRO >C10-C28*	<10.0	10.0	01/11/2024	ND	226	113	200	7.44	
EXT DRO >C28-C36	<10.0	10.0	01/11/2024	ND					
Surrogate: 1-Chlorooctane	84.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

Cardinal Laboratories

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Notes and Definitions

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 303-2326 FAY (575) 303-2476

Company Name	e: Etech Environment			Înc		T	130	BI	LL TO	STORY					ANALYSIS REQUEST
Project Manage	er: Lance Crenshaw					P	.0.#	:				1			
Address: 26	17 West Marland					C	omp	anv	SEE REM	IARKS	1				
City: Hobbs		State: NM Z	ip:	882	240		ttn:					1			
Phone #: (57	5) 264-9884	Fax #:					ddre	ss:			1				
Project #: 194	452	Project Owner:		Me	wbourne		ity:								
	Hoss SWD #001H						-	NM	Zin:			NS.	(8021B)		
	n: 32.1515588, -104.0	501793				-17	hone			10.7	Chloride	TPH (8015M)	805		
	: Dominic Casarez			-			ax #	2 2111	116	11	1 క్ల	®	×		
FOR LAB USE ONLY	1		Т		MATRIX	1		ESERV.	SAMPL	NG	1	7	BTEX		
H340107 Lab I.D.	Sample I.	.D.	G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER:	ACID/BASE:	ICE / COOL OTHER:	1)		*			no.	
			~	#		7 0	A		DATE	TIME	-	-	-	-	
1	FL-125 @ 6"		C	1	X		-	X	1/9/24	1	X	X	X		
3	FL-126 @ 6" NW-6		C	1	X	1	-	X	1/9/24		X	X	X	+	4
4	NW-7		C	긤	X	1		X	1/9/24		X	1	X	1	
5	NW-8		C		X	+	-	X	1/9/24	-	X	X	X	+	
	EW-7		C	1	X			X	1/9/24		X	X	X		
9	EW-8		c	H	X	+		X	1/9/24	-	X	X	X	1	
8	SW-4		c	1	X	+	1	X	1/9/24		X	X	X	1	
9	WW-6		c	1	X			X	1/9/24		X	X	X		
6	WW-7		c	1	X	+		X	1/9/24		X	X	X	1	
PLEASE NOTE: Liability a analyses. All claims includ senice in no event shall (a senic	nd Damages, Cardinal's liability and cle ling those for negligence and any other of cardinal be liable for incidental or consor- ing out of or related to the performance	cause whatsoever shall be dec quental damages, including wi of services hereunder by Caro	ihout dnal	waive limital regari	d unless made in writing	and rec	d beviec	y Cardinal w	ithin 30 days afte	r completion of pient, its subsidia asons or otherw Phone Ro Fax Resu REMARK	the applications, wise esult: ult: (S:	O Ye	PLE	S	Add'l Fax #:
Delivered Pr	: (Circle One)				Sample Cond	I y		CHECK	ED DV.						ewbourne C/O Connor Walker and rush
	- Bus - Other:	-7.100 #	141	d	Cool Intact Yes Y	es		(Initi							e Crenshaw. y of CoC to pm@etechenv.com.

FORM-006 Revision 1.0

Received by OCD: 2/29/2024 4:30:50 PM

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name	: Etech Environment		_	Inc				-	B	ILL TO	7						ANA	LYSIS	S RE	EQUE	ST			
Project Manage	r: Lance Crenshaw							P, 0	. #:															
Address: 261	7 West Marland							Cor	npany	SEE RI	EMA	RKS								1				
City: Hobbs		State: NM	Zip:	882	40			Aftr	1:		1													- 1
Phone #: (57	5) 264-9884	Fax #:		+				Add	ress:															
Project #: 194	52	Project Owner	:	Me	wbour	ne		City	<i>/</i> :							1				1				
Project Name:	Hoss SWD #001H	.1						Stat	te: NM	Zip:			0	5M)	21B	1								
Project Locatio	n: 32.1515588, -104.0	0501793					è	Pho	one #:				Chiende	TPH (8015M)	BTEX (8021B)					1				
Sampler Name:	Dominic Casarez						'	Fax	#:		v		Ch	H	Ä									- 1
FOR LAB USE ONLY				(MATR	IX	T	PRESERV	SAME	PLIN	G		1	B									
H240107 Lab I.D.	Sample I	.D.	(G)RAB OR (C)OMP.	#CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE: ICE / COOL OTHER;	DATI	E	TIME					¥							
1)	WW-8		C	7		Х			X	1/9/24			Х	X	X									
	WW-9		С	1		Х			X	1/9/24			X	X	X									
13	WW-10		C	1	\pm	X	Н		X	1/9/24	+		Х	X	X			_		_				-
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analyses. Al claims includi	nd Damages Cardina's abit, and die ing those for negligence and any other ardina be lable for incidental or conse	cause who so wer shall be o	withou	imital	d uniess m ion, busine	ade in wr ass interru	iting and i	ss of u	ed by Cardinal use or oss of p	within 30 days profits incurred	after o	nt its subsidiar	e applicat	nie		1								
Relinquished B	The	Date: 1-10-24 Time: 1-4:35 Date: Time:	Re	ceiv 24	ed By		hoans	ase	d upon any of t	he above state	(Phone Res Fax Resul REMARKS	sult: s: H S/		PLE		Add'l	ļ			Walke	r and	nuch.	
	: (Circle One) - Bus - Other:	-7	10 井		Coc	ple Co	Yes	m		KED BY:	(Bill analy charges Please e	to Et	ech C	/O La	ance	Crens	haw.					usn	

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January 12, 2024

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

RE: HOSS SWD #001H

Enclosed are the results of analyses for samples received by the laboratory on 01/11/24 14:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

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: 01/11/2024 Sampling Date: 01/10/2024 Reported: 01/12/2024 Soil

Sampling Type: Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact

Project Number: 19452 Sample Received By: Dionica Hinojos

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: EW - 9 (H240138-01)

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	01/12/2024	ND	2.11	105	2.00	3.24	
Toluene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.53	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.56	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/12/2024	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/12/2024	ND	201	101	200	0.968	
DRO >C10-C28*	<10.0	10.0	01/12/2024	ND	200	99.9	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 01/11/2024 Sampling Date: 01/10/2024

Reported: 01/12/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

mg/kg

Sample ID: SW - 5 (H240138-02)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.11	105	2.00	3.24	
Toluene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.53	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.09	105	2.00	3.56	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/12/2024	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/12/2024	ND	201	101	200	0.968	
DRO >C10-C28*	<10.0	10.0	01/12/2024	ND	200	99.9	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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

Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name		tal & Safety Solu	_	, Inc	C.				BI	LL TO	SULVIN					ANA	LYSI	SR	EQUE	ST		
Project Manage	er: Lance Crenshaw							P.O.	#:													
Address: 26°	7 West Marland			-				Com	pany	SEE REA	ARKS	1						1				
City: Hobbs		State: NM	Zip	: 88	240			Attn:														
Phone #: 57	5) 264-9884	Fax #:						Addr	ess:			1							1 1			
Project #: 194	152	Project Owner	r:	Me	ewbou	mel		City:	SERVINE D	ul fill a	(III)	1	1									
Project Name:	Hoss SWD #001H				111			7.	NM to	Zip:	111		(W)	BTEX (8021B)								
Project Locatio	n: 32.1515588, -104.0	0501793						Phor			111	Chloride	TPH (8015M)	802								
	Dominic Casarez							Fax #				l se	B) H	×								
FOR LAB USE DALY						MATE		-	RESERV.	SAMPL	NG	1	7	BTE	1							
H240138 Lab I.D.	Sample	D	(C)OMP.	VERS	VATER		4	j.		Y		V				W						
Lab I.D.	Sample I	.υ.	(G)RAB OR (C)OMF	# CONTAINERS	GROUNDWATE	SOIL	SLUDGE	OTHER:	ICE / COOL	DATE	TIME											
	EW-9		С	1		X	1		X	1/10/24		X	Х	X								
2	SW-5		С	1		X	19		X	1/10/24		X	X	X								
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	· (Circle One) - Bus - Other:	-2.4°C		ė	Co	Yes [Yes	m		(ED BY: ials)	charges Please e							m@e	techen	v.com		

FORM-006 Revision 1.0

Received by OCD: 2/29/2024 4:30:50 PM

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January 15, 2024

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

RE: HOSS SWD #001H

Enclosed are the results of analyses for samples received by the laboratory on 01/11/24 14:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

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: 01/11/2024 Sampling Date: 01/10/2024

Reported: 01/15/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: DEF - 1 @ 1' (H240139-01)

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	01/12/2024	ND	2.13	107	2.00	0.824	
Toluene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.14	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.18	103	6.00	1.15	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	01/12/2024	ND	416	104	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	01/12/2024	ND	182	91.0	200	1.60	
DRO >C10-C28*	<10.0	10.0	01/12/2024	ND	162	81.2	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					
Surrogate: 1-Chlorooctane	97.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 01/11/2024 Sampling Date: 01/10/2024

Reported: 01/15/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: DEF - 1 @ 2' (H240139-02)

BTEX 8021B

DILX OUZID	ilig/	- Kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.13	107	2.00	0.824	
Toluene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.14	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.18	103	6.00	1.15	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3720	16.0	01/12/2024	ND	416	104	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	01/12/2024	ND	182	91.0	200	1.60	
DRO >C10-C28*	<10.0	10.0	01/12/2024	ND	162	81.2	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.4	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

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

Received: 01/11/2024 Sampling Date: 01/10/2024

Reported: 01/15/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: DEF - 1 @ 3' (H240139-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.13	107	2.00	0.824	
Toluene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.14	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.18	103	6.00	1.15	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3480	16.0	01/12/2024	ND	416	104	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	01/12/2024	ND	182	91.0	200	1.60	
DRO >C10-C28*	<10.0	10.0	01/12/2024	ND	162	81.2	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/11/2024 Sampling Date: 01/10/2024

Reported: 01/15/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: DEF - 1 @ 4' (H240139-04)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.13	107	2.00	0.824	
Toluene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.14	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.18	103	6.00	1.15	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/12/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/12/2024	ND	182	91.0	200	1.60	
DRO >C10-C28*	<10.0	10.0	01/12/2024	ND	162	81.2	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					
Surrogate: 1-Chlorooctane	99.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/11/2024 Sampling Date: 01/10/2024

Reported: 01/15/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: DEF - 2 @ 1' (H240139-05)

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	01/12/2024	ND	2.13	107	2.00	0.824	
Toluene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.14	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.18	103	6.00	1.15	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	01/12/2024	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/12/2024	ND	182	91.0	200	1.60	
DRO >C10-C28*	<10.0	10.0	01/12/2024	ND	162	81.2	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.4	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/11/2024 Sampling Date: 01/10/2024

Reported: 01/15/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: DEF - 2 @ 2' (H240139-06)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.13	107	2.00	0.824	
Toluene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.14	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.18	103	6.00	1.15	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	01/12/2024	ND	416	104	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	01/12/2024	ND	182	91.0	200	1.60	
DRO >C10-C28*	<10.0	10.0	01/12/2024	ND	162	81.2	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					
Surrogate: 1-Chlorooctane	98.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.4	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 01/11/2024 Sampling Date: 01/10/2024

Reported: 01/15/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: DEF - 2 @ 3' (H240139-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.13	107	2.00	0.824	
Toluene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.14	
Total Xylenes*	<0.150 0.150		01/12/2024	ND	6.18	103	6.00	1.15	
Total BTEX	<0.300 0.30		01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	01/12/2024	ND	416	104	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	01/12/2024	ND	182	91.0	200	1.60	
DRO >C10-C28*	<10.0	10.0	01/12/2024	ND	162	81.2	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/11/2024 Sampling Date: 01/10/2024

Reported: 01/15/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Tamara Oldaker

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: DEF - 2 @ 4' (H240139-08)

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	01/12/2024	ND	2.13	107	2.00	0.824	
Toluene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.14	
Total Xylenes*	<0.150 0.150		01/12/2024	ND	6.18	103	6.00	1.15	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/12/2024	ND	416	104	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	01/12/2024	ND	182	91.0	200	1.60	
DRO >C10-C28*	<10.0	10.0	01/12/2024	ND	162	81.2	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					
Surrogate: 1-Chlorooctane	115 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/11/2024 Sampling Date: 01/10/2024

Reported: 01/15/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: DEF - 3 @ 1' (H240139-09)

BTEX 8021B

DILX OUZID	11197	ng .	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.13	107	2.00	0.824	
Toluene*	< 0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.05	
Ethylbenzene*	< 0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.14	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.18	103	6.00	1.15	
Total BTEX	<0.300 0.300		01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank BS		% Recovery	True Value QC	RPD	Qualifier
Chloride	2320 16.0		01/12/2024 ND		416	104	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	01/12/2024	ND	182	91.0	200	1.60	
DRO >C10-C28*	<10.0	10.0	01/12/2024 ND		162	81.2	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.0	% 49.1-14	8						

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Analytical Results For:

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

Fax To:

Received: 01/11/2024 Sampling Date: 01/10/2024

Reported: 01/15/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: DEF - 3 @ 2' (H240139-10)

BTEX 8021B

DILX OUZID	ıııg,	Ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.13	107	2.00	0.824	
Toluene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.14	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.18	103	6.00	1.15	
Total BTEX	<0.300		01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	Analyzed By: CT					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080 16.0		01/12/2024 ND		416	104	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	01/12/2024	ND	182	91.0	200	1.60	
DRO >C10-C28*	<10.0	10.0	01/12/2024	ND	162	81.2	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					
Surrogate: 1-Chlorooctane	96.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/11/2024 Sampling Date: 01/10/2024

Reported: 01/15/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 19452

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: DEF - 3 @ 3' (H240139-11)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	ND	2.13	107	2.00	0.824	
Toluene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.14	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.18	103	6.00	1.15	
Total BTEX	<0.300	0.300	01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	01/12/2024	ND	416	104	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	01/12/2024	ND	182	91.0	200	1.60	
DRO >C10-C28*	<10.0	10.0	01/12/2024	ND	162	81.2	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					
Surrogate: 1-Chlorooctane	99.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.2 % 49.1-1-		18						

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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: 01/11/2024 Sampling Date: 01/10/2024

Reported: 01/15/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: DEF - 3 @ 4' (H240139-12)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/12/2024	01/12/2024 ND		107	2.00	0.824	
Toluene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.05	
Ethylbenzene*	<0.050	0.050	01/12/2024	ND	2.12	106	2.00	1.14	
Total Xylenes*	<0.150	0.150	01/12/2024	ND	6.18	103	6.00	1.15	
Total BTEX	<0.300 0.300		01/12/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4 % 71.5-13		4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank BS		% Recovery	True Value QC	RPD	Qualifier
Chloride	192 16.0		01/12/2024 ND		416	104	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	01/12/2024	ND	182	91.0	200	1.60	
DRO >C10-C28*	<10.0	10.0	01/12/2024	01/12/2024 ND		81.2	200	14.2	
EXT DRO >C28-C36	<10.0	10.0	01/12/2024	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.0	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(E

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

Company Name	e: Etech Environmental & Safety So		s, Inc).	BIL	LL TO	_		_		ANALYSIS REQUEST
Project Manage	er: Lance Crenshaw				P.O. #:	1					
Address: 261	17 West Marland			9	Company	Mewbourne		,			
City: Hobbs	State: NM	Zip	: 88	240	1	Connor Walker					
Phone #: (57	(5) 264-9884 Fax #:				Address:						
Project #: 194	152 Project Own	er:	Me	ewbourne	City:	Ų					
Project Name:	Hoss SWD #001H				State: NM	7in:		4.00	(MS	(8021B)	
Project Locatio	n: 32.1515588, -104.0501793			+	Phone #:			THE STATE OF	101	802	
Sampler Name:	Dominic Casarez		7		Fax #:			Chloride	TPH (8015M)	×	
FOR LAB LISE CHILY		T	T	MATRIX	PRESERV.	SAMPLING	\dashv	0	TP	втех	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	AIN	GROUNDWATER WASTEWATER SOIL OIL	OTHER; ACID/BASE: ICE / COOL OTHER;	DATE TIM	IE.				
1	DEF-1 @ 1'	C	1	Х	X	1/10/24		X	X	Х	
2	DEF-1 @ 2'	C	1	X	X	1/10/24		X	X	Х	
13000000000000000000000000000000000000	DEF-1 @ 3°	C	1	X	X	1/10/24		X	X	Х	
4_	DEF-1 @ 4'	С	1	X	Х	1/10/24		X	X	X	
5	DEF-2 @ 1°	C	1	X	X	1/10/24		X	X	X	
6	DEF-2 @ 2°	C	1	Х	X	1/10/24		X	X	X	
7	DEF-2 @ 3'	C	1	X	X	1/10/24		X	X	X	
8	DEF-2 @ 4'	C	1	X	1 X	1/10/24		X	X	X	
2	DEF-3 @ 1'	C	1	X	X	1/10/24	_	X	X	X	
PLEASE MOTE ah hia	DEF-3 @ 2'	C	1	X	X	1/10/24		X	X	X	
Relinquished B	Date:	ding union	ed	less made in inling and	d received by Cardi	nin 30 days after completic offits incurred by climit. Its sale above stated reasons or difference Phone Fax R	therwise e Resi esult:	SUM:	☐ Ye	s 🗆	No Add'I Phone #: No Add'I Fax #: Pushful
	r: (Circle One) - Bus - Other:	#1	140	Sample Conditi	s (Initi	ED BY: als)	е еп	nail r	esults	and o	copy of CoC to pm@etechenv.com.

FORM-006 Revision 1.0

Received by OCD: 2/29/2024 4:30:50 PM

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name	e: Etech Environment		_	Inc				BI	LL TO					ANALYSIS REQUEST
Project Manage	er: Lance Crenshaw						P.	O. #:		J.				
Address: 26	7 West Marland						Ç	ompany	Mewbou	irne				
City: Hobbs		State: NM Z	ip:	882	240	1	At	tn:	Connor Wa	lker				
Phone #: (57	5) 264-9884	Fax #:					Ac	Address:						
Project #: 194	152	Project Owner:		Ме	wbourne		Ci	ty:			1			
Project Name:	Hoss SWD #001H			-				ate: NM	Zip:			SM)	BTEX (8021B)	
Project Location: 32 1515588, -104.0501793					none #:	1		Chloride	100	803				
Sampler Name: Dominic Casarez					1.		x #:) H	TPH (8015M)	X		
FOR LAW THE COLO			T		MAT	RIX ,		PRESERV.	SAMPLI	NG	1	다	BT	
Lab I.D. 4240 139	Sample I.	D.	G)RAB OR (C)OMP.	CONTAINERS	GROUNDWATER WASTEWATER SOIL	OIL	OTHER	ACID/BASE: ICE / COOL OTHER .	DATE	TIME		1		
	DEE 3 @ 3!		4	#	0 > 0	0 18	a		DATE	TIME	1	- V	1	
11	DEF-3 @ 3' DEF-3 @ 4'		C		X		T	X	1/10/24		X	X	X	
100	DEF-3 (E) 4		C	'	X	1		X	1/10/24		X	X	X	
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annyes A rose rout	nd Damages, Cardina" and oir											ble		
a" les er c consors ars	ng out of or related to the performants		ina r	regard	diess of whether					esons or otherw	58			
Relinquished B	theho	Date: 11-24 Time: 1447 Date:	Rec	eiv	ed By:	ua	4	Ald a	by!	Phone Re Fax Resu REMARK	lt:	□ Ye		No Add'I Phone #: No Add'I Fax #: No Add'I Fax #: Add'I Fax #: Copy of CoC to pm@elechenv.com.
		Time:								Please e	email r	restilts	s and	I copy of CoC to pm@etechenv.com.
Delivered By	: (Circle One)	#	14	10	Sample		on	CHECK	ED BY:	10030	, richi i	Journ	or io	Copy of odd to printed the control of the copy of the
Sampler - UPS	- Bus - Other:	2115			Cool	Intact Yes	5	(Init	als)					•
		-2.48			☐ No	☐ No)	, A	-					

FORM-006 Revision 1.0

Received by OCD: 2/29/2024 4:30:50 PM

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

0.



January 16, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions
2617 W MARLAND

HOBBS, NM 88240

RE: HOSS SWD #001H

Enclosed are the results of analyses for samples received by the laboratory on 01/15/24 8:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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



01/12/2024

Soil

Analytical Results For:

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

Received: 01/15/2024 Sampling Date: Reported: 01/16/2024 Sampling Type:

mg/kg

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL -127 @ 6" (H240155-01)

BTEX 8021B

DILX 6021D	ilig	r kg	Allalyze	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2024	ND	2.21	111	2.00	1.95	
Toluene*	uene* <0.050 0.050		01/15/2024	ND	2.24	112	2.00	2.34	
Ethylbenzene*	<0.050	0.050	01/15/2024	ND	2.23	112	2.00	2.12	
Total Xylenes*	<0.150	0.150	01/15/2024	ND	6.78	113	6.00	1.60	
Total BTEX	<0.300	0.300	01/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2024	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	01/15/2024	ND	171	85.7	200	2.96	
DRO >C10-C28*	<10.0	10.0	01/15/2024	ND	167	83.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	01/15/2024	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.8	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 01/15/2024 Sampling Date: 01/12/2024

Reported: 01/16/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL -128 @ 6" (H240155-02)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2024	ND	2.21	111	2.00	1.95	
Toluene*	<0.050	0.050	01/15/2024	ND	2.24	112	2.00	2.34	
Ethylbenzene*	<0.050	0.050	01/15/2024	ND	2.23	112	2.00	2.12	
Total Xylenes*	<0.150	0.150	01/15/2024	ND	6.78	113	6.00	1.60	
Total BTEX	<0.300	0.300	01/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2024	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	01/15/2024	ND	171	85.7	200	2.96	
DRO >C10-C28*	<10.0	10.0	01/15/2024	ND	167	83.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	01/15/2024	ND					
Surrogate: 1-Chlorooctane	85.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 01/15/2024 Sampling Date: 01/12/2024

Reported: 01/16/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Project Number: Sample Received By: 19452 Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL -129 @ 6" (H240155-03)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2024	ND	2.21	111	2.00	1.95	
Toluene*	<0.050	0.050	01/15/2024	ND	2.24	112	2.00	2.34	
Ethylbenzene*	<0.050	0.050	01/15/2024	ND	2.23	112	2.00	2.12	
Total Xylenes*	<0.150	0.150	01/15/2024	ND	6.78	113	6.00	1.60	
Total BTEX	<0.300	0.300	01/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/15/2024	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	01/15/2024	ND	171	85.7	200	2.96	
DRO >C10-C28*	<10.0	10.0	01/15/2024	ND	167	83.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	01/15/2024	ND					
Surrogate: 1-Chlorooctane	80.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.1	% 49.1-14	8						

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Analytical Results For:

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

Received: 01/15/2024 Sampling Date: 01/12/2024

Reported: 01/16/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL -130 @ 6" (H240155-04)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2024	ND	2.21	111	2.00	1.95	
Toluene*	<0.050	0.050	01/15/2024	ND	2.24	112	2.00	2.34	
Ethylbenzene*	<0.050	0.050	01/15/2024	ND	2.23	112	2.00	2.12	
Total Xylenes*	<0.150	0.150	01/15/2024	ND	6.78	113	6.00	1.60	
Total BTEX	<0.300	0.300	01/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2024	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	01/15/2024	ND	171	85.7	200	2.96	
DRO >C10-C28*	<10.0	10.0	01/15/2024	ND	167	83.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	01/15/2024	ND					
Surrogate: 1-Chlorooctane	80.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.4	% 49.1-14	8						

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Celey D. Keene



01/12/2024

Analytical Results For:

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

Sampling Date:

Received: 01/15/2024

Reported: 01/16/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact Sample Received By: Project Number: 19452 Shalyn Rodriguez

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL -131 @ 6" (H240155-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2024	ND	2.21	111	2.00	1.95	
Toluene*	<0.050 0.050		01/15/2024	ND	2.24	112	2.00	2.34	
Ethylbenzene*	<0.050	0.050	01/15/2024	ND	2.23	112	2.00	2.12	
Total Xylenes*	<0.150	0.150	01/15/2024	ND	6.78	113	6.00	1.60	
Total BTEX	<0.300	0.300	01/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B mg/kg			Analyze	d By: CT					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/15/2024	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	01/15/2024	ND	171	85.7	200	2.96	
DRO >C10-C28*	<10.0	10.0	01/15/2024	ND	167	83.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	01/15/2024	ND					
Surrogate: 1-Chlorooctane	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.6	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 01/15/2024 Sampling Date: 01/12/2024

Reported: 01/16/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL -132 @ 6" (H240155-06)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2024	ND	2.21	111	2.00	1.95	
Toluene*	<0.050	0.050	01/15/2024	ND	2.24	112	2.00	2.34	
Ethylbenzene*	<0.050	0.050	01/15/2024	ND	2.23	112	2.00	2.12	
Total Xylenes*	<0.150	0.150	01/15/2024	ND	6.78	113	6.00	1.60	
Total BTEX	<0.300	0.300	01/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/15/2024	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	01/15/2024	ND	171	85.7	200	2.96	
DRO >C10-C28*	<10.0	10.0	01/15/2024	ND	167	83.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	01/15/2024	ND					
Surrogate: 1-Chlorooctane	81.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.7	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Received: 01/15/2024 Sampling Date: 01/12/2024

Reported: 01/16/2024 Sampling Type: Soil

Project Name: HOSS SWD #001H Sampling Condition: Cool & Intact
Project Number: 19452 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: MEWBOURNE - EDDY CO NM

Sample ID: FL -133 @ 6" (H240155-07)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2024	ND	2.21	111	2.00	1.95	
Toluene*	<0.050	0.050	01/15/2024	ND	2.24	112	2.00	2.34	
Ethylbenzene*	<0.050	0.050	01/15/2024	ND	2.23	112	2.00	2.12	
Total Xylenes*	<0.150	0.150	01/15/2024	ND	6.78	113	6.00	1.60	
Total BTEX	<0.300	0.300	01/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/15/2024	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	01/15/2024	ND	171	85.7	200	2.96	
DRO >C10-C28*	<10.0	10.0	01/15/2024	ND	167	83.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	01/15/2024	ND					
Surrogate: 1-Chlorooctane	81.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.4	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

	(5/5) 393-2326 FA		-	-		-		1-0			'N'										
Company Name		al & Safety Soluti	ons	, Inc		_	BILL TO			ANALYSIS REQUEST											
Project Manage	r: Lance Crenshaw			The state of the s		1	P. 0). #:													
Address: 261	7 West Marland					+1	Cor	npany	SEE REM	ARKS											
City: Hobbs		State: NM	Zip:	882	240	1	Attr	n:	A						1 1						
Phone #: (578	5) 264-9884	Fax #:				16	Address:														
Project #: 194	52	Project Owner	:	Ме	wbourne	,	City	<i>/</i> :													
Project Name:	Hoss SWD #001H			-			Stat	te: NM	Zip:		0	TPH (8015M)	218								
Project Location	n: 32.1515588, -104.0	501793		1			Phone #:			orio	801	(8021B)									
Sampler Name: Dominic Casarez				Fax	#:			Chloride	I	BTEX	1	1									
FOR LAB USE ONLY		1			MATRIX		T	PRESERV.	SAMPLI	NG		교	BT	1							
H240155	0	-1	(C)OMP.	IERS	VATER JER		1							1							
Lab I.D.	Sample I.	D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL	SLUDGE	OIHER:	ACID/BASE ICE / COOL OTHER:	DATE	TIME											
	FL-127 @ 6"		С	1	X		٦	X	1/12/24)	X	X	X								
2	FL-128 @ 6"		C	1	X			X	1/12/24		X	X	X	1	14						
3	FL-129 @ 6"		С	1	X			X	1/12/24		įΧ	X	X		650						
9	FL-130 @ 6"		С	1	X	-	91	Х	1/12/24		· K	X	X								
.5	FL-131 @ 6"		С	1	X			X	1/12/24		X	X	X								
6	FL-132 @ 6"		С	11	X			X	1/12/24		X	X	X								
7	FL-133 @ 6"		С	1	X			X	1/12/24		X	X	X								
						1,															
						18	-				-		-	-							
	nd Damages. Cardinal's liability and clie																				
	ing those for negligence and any other tardinal be liable for incidental or conse ing out of or related to the performance	quental damages, including	withou	rt limita	ation, business interrupt	ions, lo	ss of a	use, or loss of pro	ofits incurred by o	lient, its subsidiar	ries,	ble									
Relinquished B	John	Date: 1-15-24 Time 508	Re	Ceiv	lodk				-	Phone Re Fax Resul REMARKS	sult: lt:	□ Ye		No No	Add'l Ph Add'l Fa						
Relinquisher		Date;	Re	cei			р			RUSH Bill anal					wbourn	e C/O	Conno	or Walke	er and	rush	
	: (Circle One) 3	8:	0		Sample Cor Cool Inta Yes	Yes	on	CHECK	ED BY:	charges Please e	to Et	ech (C/O L	ance	Crensh	aw.					

FORM-006 Revision 1.0

Received by OCD: 2/29/2024 4:30:50 PM

Appendix E Cave/Karst Survey

DRILL SITE CONSULTING 822 W. DELAWARE HOBBS NM, 88242

MEWBOURNE: HOSS 11 SWD #1

SECTION 11, TOWNSHIP 25 SOUTH, RANGE 28 EAST

EDDY COUNTY, NEW MEXICO

CAVE AND KARST SURFACE EVALUATION

15 AUGUST, 2020

BLM PROJECT NUMBER, NM

Work was started and completed on 15 August, 2020.

The HOSS 11 PAD was identified. A 200 meter perimeter was walked around the entire pad within certain boundaries. A main oil field road establishes the east boundary and existing oil and gas installations provided some other boundaries. The area was walked and checked for cave and karst concerns.

Cave or karst concerns were identified. They are highlighted in RED. No other cave or karst concerns were identified.

Points were verified by using Garmin GPSMAP 64 hand-held GPS units with 13 S, WGS 83 as the datum.

The POINT LOCATIONS are for determining the route and serve no other purposes.

POINT LOCATION	EUTM	NUTM	DESCRIPTION
NW PAD CORNER	589512	3557689	LOCATED
NE PAD CORNER	589633	3557689	LOCATED
SW PAD CORNER	589513	3557564	LOCATED
SE PAD CORNER	589636	3557564	LOCATED
C/L PAD	589569	3557629	LOCATED

LUCID COMPRESSOR STATION PAD

POINT LOCATION	EUTM	NUTM	DESCRIPTION
NW CORNER OF PAD FENCE	589620	3557475	LOCATED
SW CORNER OF PAD FENCE	589657	3557356	LOCATED
SE CORNER OF PAD FENCE	589834	3557410	LOCATED
NE CORNER OF PAD FENCE	589797	3557527	LOCATED

200 METER PERIMETER

POINT LOCATION	EUTM	NUTM	DESCRIPTION
NW CORNER	589275	3577878	LOCATED
NE CORNER	589736	3577878	C/L OIL FIELD ROAD
SW CORNER	589314	3577368	LOCATED
SE CORNER	589314	3577368	C/L OIL FIELD ROAD

GRIDDING CRITERIA

The area was walked on 50 meter grid transects. The grid parameters were:

From east to west on 3557900N, 3557850N, 3557700N, 3557650N, 3557500N, & 3557450N starting at the main oil field road and stopping at 589300E,

and

From west to east on 3557800N, 3557750N, 3557600N, 3557550N, 3557400N, & 3557350N starting at 589300E and stopping at the main oil field road.

ADDITIONAL FINDINGS OBSERVED DURING THE GRIDDED WALK

- 1 SOLARIS BPL trending N-S on 589705E
- 2 LUCID BPL trending N-S on 589643E
- 3 LUCID BPL trending N-S on 589687E
- 4 4WIRE O/H POWER LINE trending N-S on 589640E
- 5 ORYX MIDSTREAM BPL trending NNW-SSE on 589483E
- 6 C/L road running NNW-SSE on 589391E
- 7 4 WIRE O/H POWER LINE trending NNW-SSE on 589385E
- 8 MEWBOURNE BWL on 589364E
- 9 A spill area ~40 feet square.

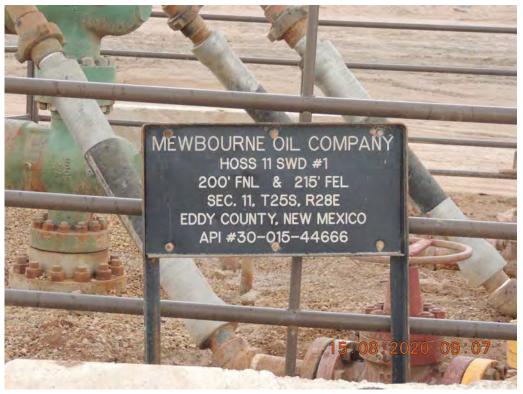
10 A valve located on the edge of the berm. Could be the source of the spill?? 589633E, 3557592N

The ground was composed of red/brown sandy soil. Small pieces of limestone are scattered in the walked area.

This evaluation includes only features apparent on the surface and does not include features which may exist sub-surface.

Photographs were taken.

David S. Belski
Cave and Karst Surface Evaluation



WELL PAD SIGNAGE



SURFACE DRAIN, 589304E, 3557882N, DEPTH UNKNOWN



SURFACE DRAIN, 589304E, 3557882N, DEPTH UNKNOWN



A 4" DIAMETER X 4+ FOOT DEEP HOLE DRILLED IN A SPILL AREA



A VALVE IN THE SPILL AREA, 589632E, 3557605N



A VALVE IN SPILL AREA, 589632E, 3557605N



TYPICAL SPILL AREA



CENTER OF SPILL AREA



P.O. Box 7269 Abilene, Texas 79608 Tel 325-690-0053 Fax 325-698-0055

Drill Report M1 0957

	FdX 325-090-0053	•	Date: 7Ag 20 Com	puter#:
1		Cu	stomer: Men bounce	Locations Buchider
Prep Time \$\phi 530	C Standby	Lea	se/well: //095 /1 5wd #	£1 2 NO
	Arrived at Shop		ling Rig:	
Arrive at Loc.	Total Hours	Rig measu	rement:	
Finished Job			ne Call#:	
Employees:	Mccarel	En Shous	1. Dylin	
	Hole (Diameter x depth)	Pipe/cellar size	Total Drill Time	
Cellar				
Conductor				4
/louse				
lat				
lat				
Ground Level	Drilling condition	ns (describe material; re	ock, sand, gravel, clay, color of I	material, water zones, etc)
	53 INS	de Contain	ment "No was	ter"
	17 0075	, de	During	22:26
	Rowhide		, J	
	()			<i>(</i> 1
	125 Pas	on Rowhi	de No writes	<u> </u>
			de "No wries Yuzing D	166
Tatal David				
Total Depth				
Comment	Total yards poured:		# Cement Trucks:	(volumetric/roller)
Cement	(in-house)	Squeezed by:		(list third party)
Cement Employees:				
Water trucks (in h	ouse) #:	3rd party water/vac	#:	
Drilling mud Bbls:				
Bullet teeth Qty:	1	Fencing provided?	yes no Type of fenci	ng
Job Notes				

Appendix F Regulatory Correspondence

From: Connor Walker

To: <u>Lance Crenshaw</u>; <u>Jeff Broom</u>; <u>Ben Arguijo</u>

Subject: FW: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID: 293419

Date: Tuesday, December 12, 2023 9:49:23 AM

From: OCDOnline@state.nm.us < OCDOnline@state.nm.us >

Sent: Tuesday, December 12, 2023 8:49 AM **To:** Connor Walker <cwalker@mewbourne.com>

Subject: [EXT] The Oil Conservation Division (OCD) has accepted the application, Application ID:

293419

To whom it may concern (c/o Connor Walker for MEWBOURNE OIL CO),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2334251764.

The sampling event is expected to take place:

When: 12/15/2023 @ 08:00

Where: A-11-25S-28E 0 FNL 0 FEL (32.151553,-104.050179)

Additional Information: Dominic Casaraz

+1 (432) 813-1036 cominic@etechenv.com

Additional Instructions: From Start Point: (32.166375. -104, 071722) Head E for .50 miles, SE for .10 miles, E for .16 miles, NE for .54 miles, S for 1.1 miles, W for .12 miles to arrive at release. Hoss SWD #001H - (32.1515588, -104.0501793)

Samples will be taken from this date forward as the excavation progresses.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

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

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505 From: Hamlet, Robert, EMNRD

To: Lance Crenshaw

Cc: Joel Lowry; Robbie Runnels; Ben Arguijo
Subject: RE: nRM2018244476 Hoss SWD
Date: Thursday, June 3, 2021 2:44:56 PM

Attachments: OCD Internal Policy - Spill Rule Clarifications.pdf

Lance,

Yes, as long as procedures for Implementation of the Spill Rule (19.15.29 NMAC) in the "Spill Rule Clarifications" document posted on the OCD Website were followed, you should be good.

XII. OBTAINING BACKGROUND DATA:

The rule speaks of "background" chloride concentrations in three places: 19.15.29.11(A)(5)(c) NMAC regarding unknown or large volume releases, as a footnote to Table I, and in 19.15.29.13(D)(1) NMAC regarding reclamation. How would a responsible party obtain information to determine background? A grab, not composite, sample(s) should be gathered in areas undisturbed by oil and gas activities, nominally uphill from the release area, and no closer than 50 feet but no farther than 100 feet from the lateral and horizontal extents of a release's impact. The background sampling should be representative of the entire horizontal and vertical extent of the release. Other means may be acceptable to OCD, but only after review and a written determination.

Robert Hamlet ● Environmental Specialist - Advanced Environmental Bureau EMNRD - Oil Conservation Division 811 S. First Street | Artesia, NM 88210 575.909.0302 | robert.hamlet@state.nm.us

http://www.emnrd.state.nm.us/OCD/



From: Lance Crenshaw < lance@etechenv.com>

Sent: Thursday, June 3, 2021 10:55 AM

To: Hamlet, Robert, EMNRD < Robert. Hamlet@state.nm.us>

Cc: Joel Lowry <joel@etechenv.com>; Robbie Runnels <rrunnels@mewbourne.com>; Ben Arguijo

<bena@etechenv.com>

Subject: [EXT] nRM2018244476 Hoss SWD

Robert,

Good morning sir, hope all is well. I am writing in response to our phone conversation last week concerning the Hoss SWD project, and the naturally occurring chlorides we spoke of. I have attached laboratory analysis of our background sample data, as we dug a trench north and south of the

release area. We sampled at depths of 10′, 12′, 14′, 16′ and 18′, with background data showing chloride concentrations at 1060 mg/kg at 18′ below ground surface. The trenches were excavated in an area with ample growth and vegetation, and away from any production facilities, pads, etc. I just wanted to get in writing that we are good to go to use the 1060 mg/kg as our closure criteria for this release, instead of the 600 mg/kg due to the high karst area. Thank you for your time sir, have a good day.

Lance Crenshaw Etech Environmental & Safety Solutions 575-631-2532

Total Control Panel Login

To: bena@etechenv.com

robert.hamlet@state.nm.us

Message Score: 1

My Spam Blocking Level: High

High (60): Pass Medium (75): Pass

Low (90): Pass

Block this sender
Block state.nm.us

This message was delivered because the content filter score did not exceed your filter level.

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 319173

QUESTIONS

Operator:	OGRID:
MEWBOURNE OIL CO	14744
	Action Number:
Hobbs, NM 88241	319173
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2334251764	
Incident Name	NAPP2334251764 HOSS 11 SWD #1 (12-3-2023) @ 30-015-44666	
Incident Type	Produced Water Release	
Incident Status	Deferral Request Received	
Incident Well	[30-015-44666] HOSS 11 SWD #001	

Location of Release Source		
Please answer all the questions in this group.		
Site Name	Hoss 11 SWD #1 (12-3-2023)	
Date Release Discovered	12/03/2023	
Surface Owner	Private	

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

Nature and Volume of Release	
faterial(s) released, please answer all that apply below. Any calculations or specific justifications for	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Pump Crude Oil Released: 120 BBL Recovered: 68 BBL Lost: 52 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 458 BBL Recovered: 350 BBL Lost: 108 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Crude Oil Released 120 BBL; Recovered 68 BBL

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505

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 319173

Phone: (505) 476-3470 Fax: (505) 476-3462	
QUEST	IONS (continued)
Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744 Action Number: 319173 Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	,
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	inition immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of avaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for rele the 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 rt does not relieve the operator of responsibility for compliance with any other federal, state, or
	Name: Connor Walker

Title: Senior Engineer

Date: 12/08/2023

Email: cwalker@mewbourne.com

I hereby agree and sign off to the above statement

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 3

Action 319173

QUESTIONS (continued)

Operator		OGRID:
	MEWBOURNE OIL CO	14744
	P.O. Box 5270	Action Number:
	Hobbs, NM 88241	319173
		Action Type:
		[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)	
What method was used to determine the depth to ground water	Estimate or Other	
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 ½ and 1 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between ½ and 1 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Between ½ and 1 (mi.)	
Categorize the risk of this well / site being in a karst geology	High	
A 100-year floodplain	Between ½ and 1 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided	d to the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamina	ation associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in	milligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	5280
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
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes comple which includes the anticipated timelines for beginning and completing the remediation.	eted 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	12/13/2023
On what date will (or did) the final sampling or liner inspection occur	01/18/2024
On what date will (or was) the remediation complete(d)	01/18/2024
What is the estimated surface area (in square feet) that will be reclaimed	35486
What is the estimated volume (in cubic yards) that will be reclaimed	2640
What is the estimated surface area (in square feet) that will be remediated	35486
What is the estimated volume (in cubic yards) that will be remediated	2640
These estimated dates and measurements are recognized to be the best guess or calculation a	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.

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 **District II**

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 **District III** 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV**1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 4

Action 319173

QUESTIONS (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	319173
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)			
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.			
his 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	Not answered.		
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	Yes		
In which state is the disposal taking place	Texas		
What is the name of the out-of-state facility	R360 Red Bluff Facility		
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.

I hereby agree and sign off to the above statement

Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com

Date: 02/29/2024

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

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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 319173

QUESTIONS (continued)

QOLOTI	
Operator: MEWBOURNE OIL CO	OGRID: 14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	319173
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	
Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of	the following items must be confirmed as part of any request for deferral of remediation.
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	The release affected the area which contains the high voltage VFD's that run the SWD pumps. MOC excavated as much soil as possible around and in the area, but further excavation would risk striking the electrical and risk the integrity of the physical installations in the area.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	2130
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	316
	ately under or around production equipment such as production tanks, wellheads and pipelines where may be deferred with division written approval until the equipment is removed during other operations, or wher
Enter the facility ID (f#) on which this deferral should be granted	HOSS 11 SWD 1 BATTERY [fAPP2125745599]
Enter the well API (30-) on which this deferral should be granted	30-015-44666 HOSS 11 SWD #001
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed ef which includes the anticipated timelines for beginning and completing the remediation.	orts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA(
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	nowledge and understand that pursuant to OCD rules and regulations all operators are required ses which may endanger public health or the environment. The acceptance of a C-141 report by dequately investigate and remediate contamination that pose a threat to groundwater, surface does not relieve the operator of responsibility for compliance with any other federal, state, or

Title: Senior Engineer

Date: 02/29/2024

Email: cwalker@mewbourne.com

I hereby agree and sign off to the above statement

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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 6

Action 319173

QUESTIONS (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	319173
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	293419
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/15/2023
What was the (estimated) number of samples that were to be gathered	210
What was the sampling surface area in square feet	37000

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

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CONDITIONS

Action 319173

CONDITIONS

Operator:	OGRID:
MEWBOURNE OIL CO	14744
	Action Number:
Hobbs, NM 88241	319173
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
scwells	Deferral approved. Deferral of DEF-1, DEF-2, and DEF-3 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	5/15/2024
scwells	Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC	5/15/2024