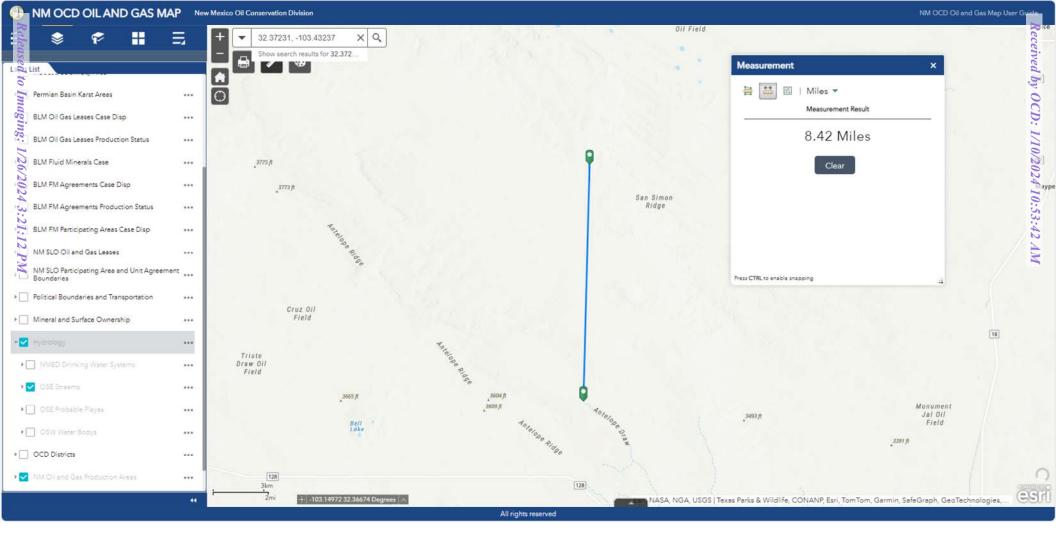
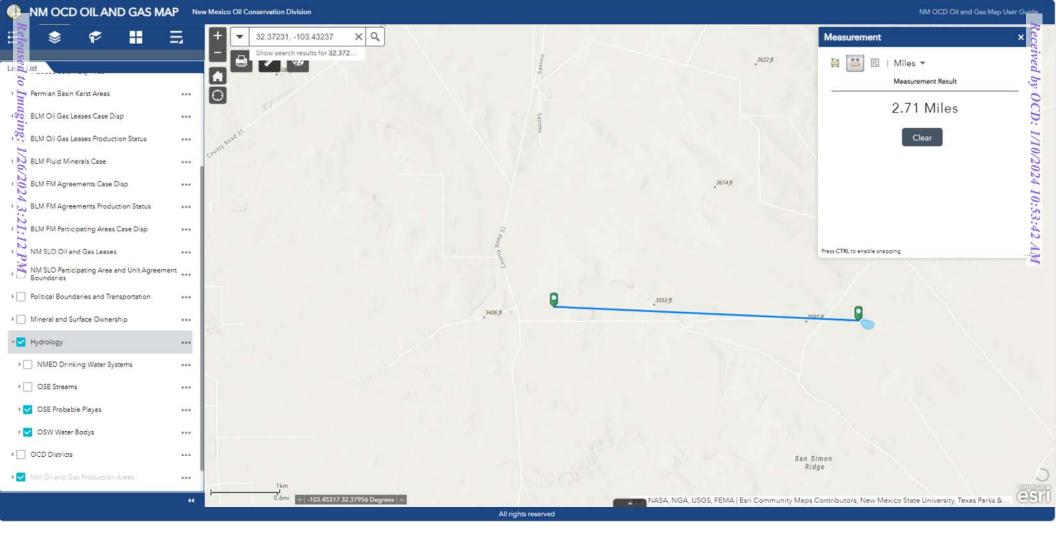
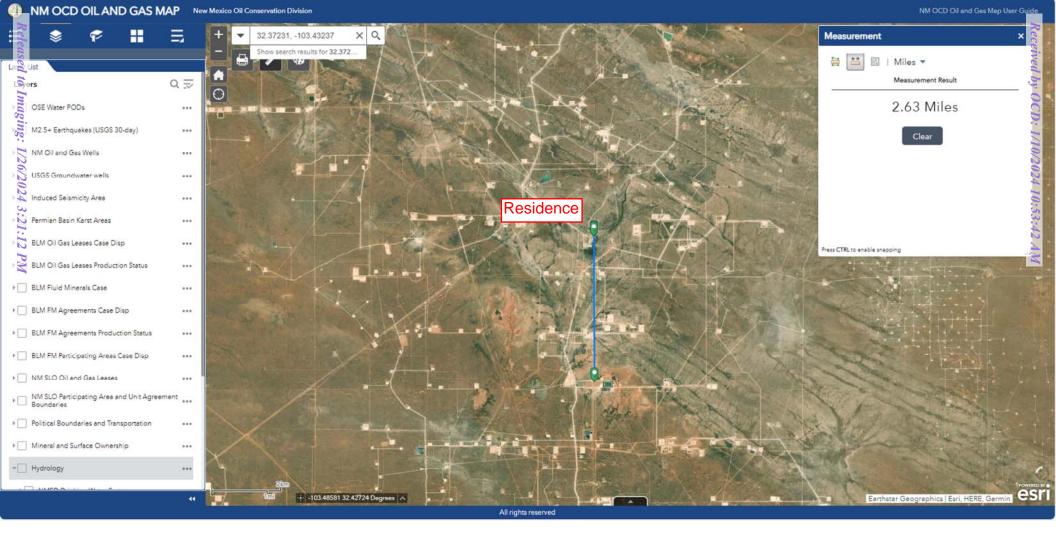
Site Characterization - Water Sources/Courses Determination



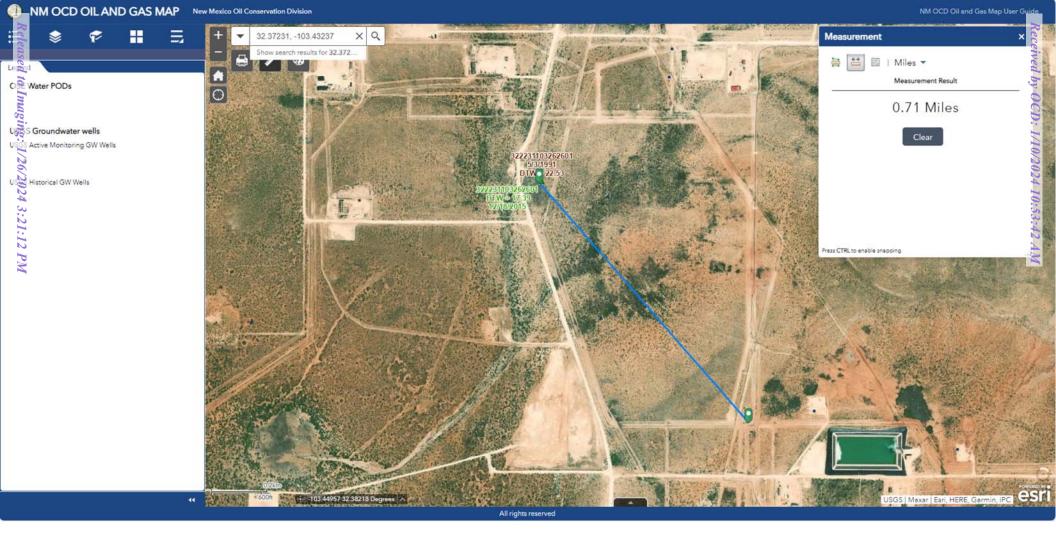
Site Characterization - Lakebed, Sinkholes or Playas



Site Characterization - Occupied Permanent Residence/Institutions



Site Characterization - Water Well Proximity Map

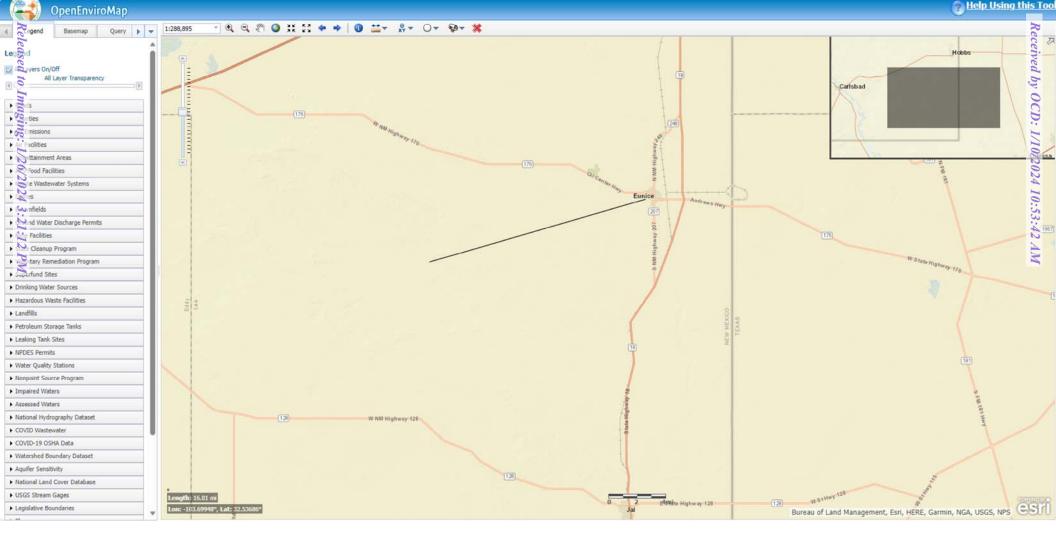




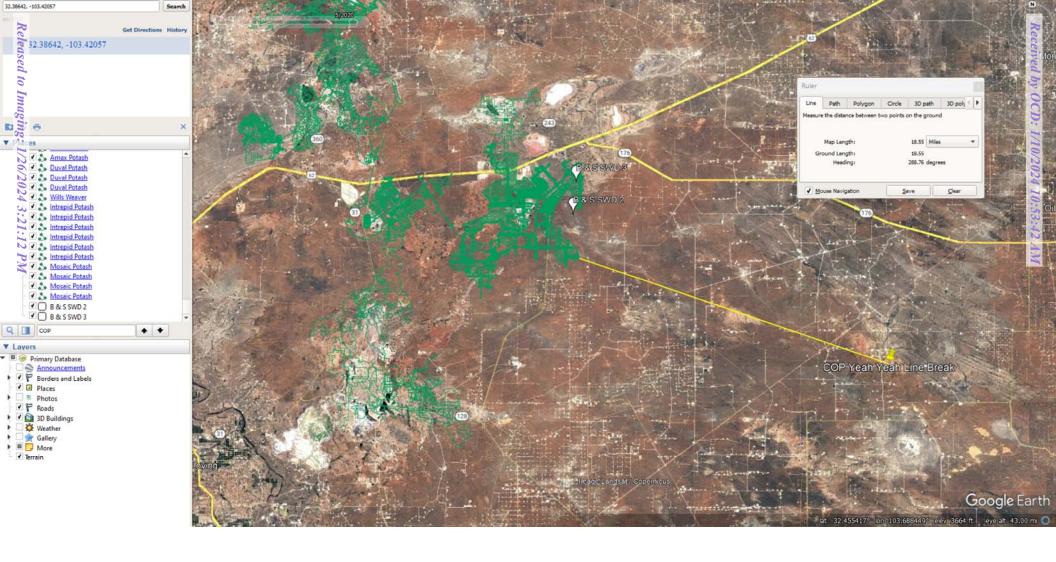
Site Characterization - Wetlands



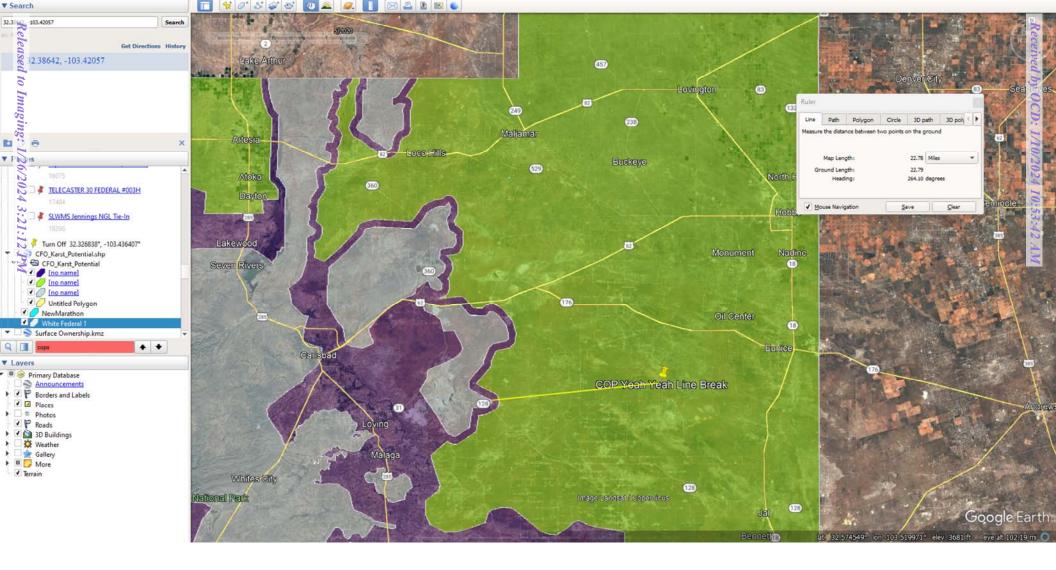
Site Characterization - Municipality Proximity Map



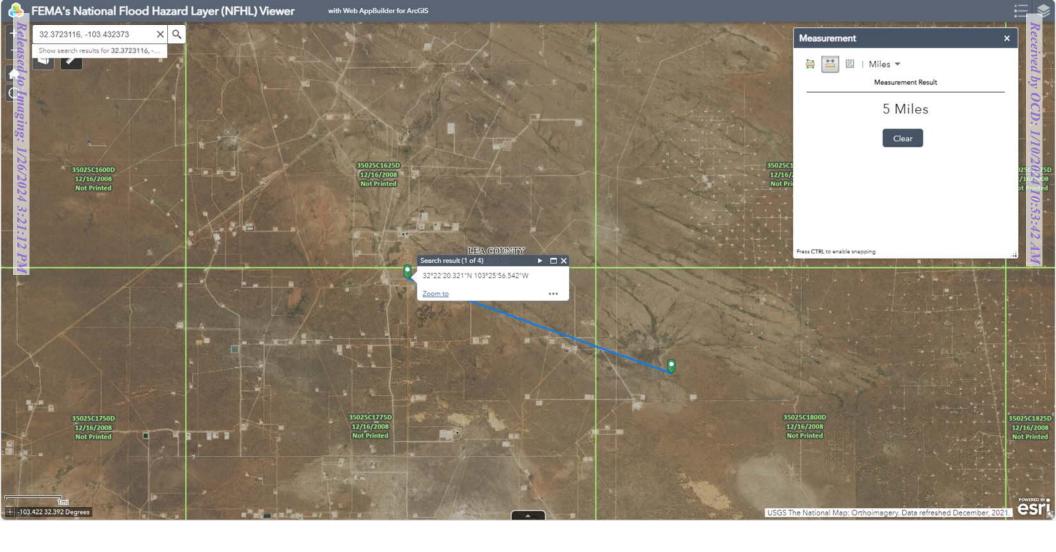
Site Characterization - Subsurface Mines



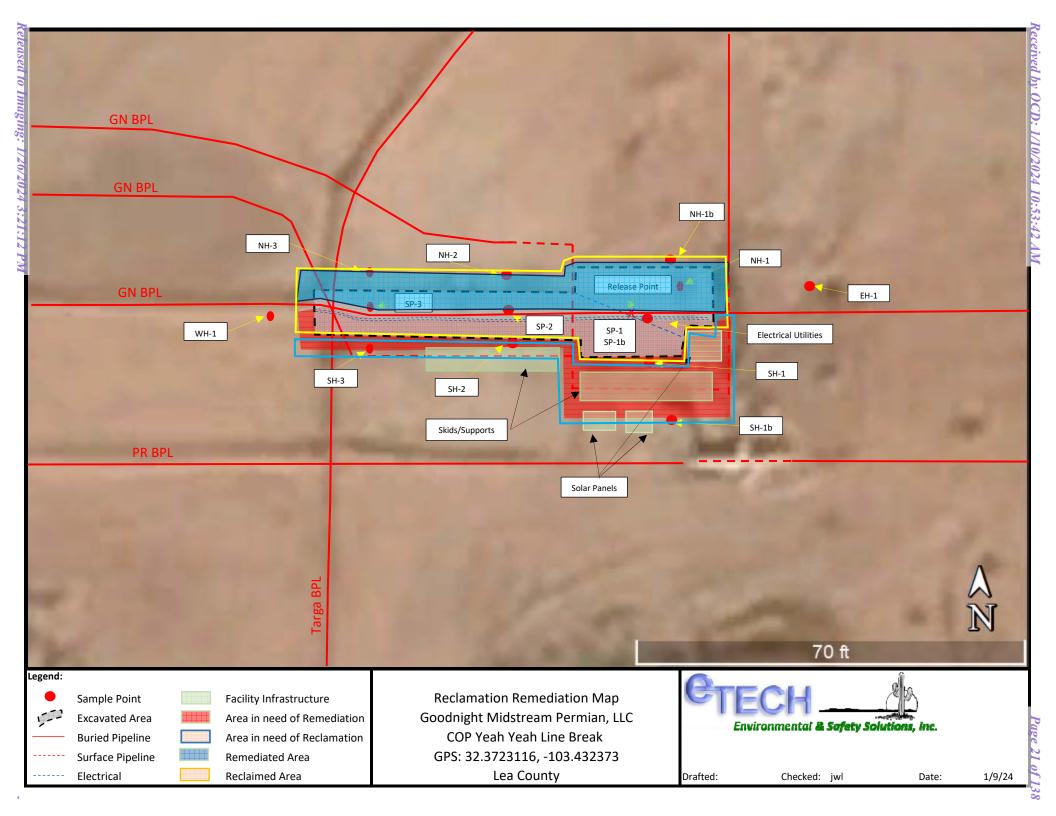
Site Characterization - Karst



Site Characterization - 100-Year Floodplain



Reclamation/Remediation Map



Site Characterization Report, Remediation Plan and **Partial Deferral Request**

Goodnight Midstream Permian, LLC **COP Yeah Yeah Line Break**

Lea County, New Mexico Unit Letter P, Section 23, Township 22 South, Range 34 East Latitude 32.3723116 North, Longitude 103.432373 West NMOCD Reference No. nAPP2325020061

Prepared By:

Etech Environmental & Safety Solutions, Inc.

2617 W. Marland Hobbs, New Mexico 88240

Ben J. Arguijo

Joel W. Lowry



Midland • San Antonio • Lubbock • Hobbs • Lafayette

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Goodnight Midstream Permian, LLC (Goodnight), has prepared this Site Characterization Report, Remediation Plan and Partial Deferral Request for the release site known as the COP Yeah Yeah Line Break (henceforth, "Site"). Details of the release are summarized below:

	Location of Release Source					
Latitude:		32.3723116	Longitude:			
		Provide	ed GPS are in WGS84 for	nat.		
Site Name:	COP Yeah Yeah Line Break Site Type: Pipeline		•			
Date Release Disc	covered:	9/6/2023	API # (if appli	cable):		
Unit Letter	Section	on Township	Range	County		
P	23	22S	34E	Lea		
Surface Owner: State Federal Tribal X Private (Name Merchant Livestock						
Nature and Volume of Release						
Crude Oil	Crude Oil Volume Released (bbls) Volume Recovered (bbls)		Volume Recovered (bbls)			
X Produced Water		Volume Released (bbls) 670 Volume Recovered (bbls		Volume Recovered (bbls) 670		
Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?		X Yes No No N/A				
Condensate Volume Released (bbls)		Volume Recovered (bbls)				
Natural Gas Volume Released (Mcf)		Volume Released (Mcf)		Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released			Volume/Weight Recovered			
Cause of Release The release was to an open bell h	attribute	ed to a line rupturing while	contractor was per	forming maintenance. The release was limited		
		Ir	nitial Response			
X The source of	f the rele	ease has been stopped.				
X The impacted area has been secured to protect human health and the environment.						
X Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices						
X All free liqui		ecoverable materials have be				

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

2.0 SITE CHARACTERIZATION

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

What is the shallowest depth to groundwater beneath the area affected by the release?		855 Feet	
Did the release impact groundwater or surface water?	Yes	X No	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes	X No	
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark?	Yes	X No	
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	Yes	X No	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes	X No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	X Yes	No	
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes	X No	
Are the lateral extents of the release within 300 feet of a wetland?	Yes	X No	
Are the lateral extents of the release overlying a subsurface mine?	Yes	X No	
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes	X No	
Are the lateral extents of the release within a 100-year floodplain?	Yes	X No	
Did the release impact areas not on an exploration, development, production or storage site?	Yes	X No	

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

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

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

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

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

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

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

4.0 BACKGROUND INFORMATION

On August 3, 2023, failure of a weld on a 12-inch poly line resulted in a release. The failure occurred while adjusting the buried pipeline and associated riser to connect the newly installed COP Yeah Yeah pipeline to the Jalapeno Gathering System. The initial C-141 indicated approximately 670 barrels (bbls) of produced water were released. The release was limited to a large bell hole that had been opened up to facilitate the safe connection of a new pipeline into the system. During initial response activities, on-site hydrovacs and vacuum trucks recovered approximately 670 bbls of free-standing fluid from within the open bell hole. Fluid from the release filled the bell hole to within 3-4 feet of the surface. The original bell hole was excavated over the course of approximately two (2) weeks utilizing multiple hydrovacs due to the abundance of buried utilities including but not limited to three (3) Goodnight buried pipelines, two (2) Permian buried pipelines, one (1) Targa buried gas line, six (6) buried fiber optic lines and at least one (1) electric line. The open bell hole is bound to the south and east by above ground risers/tie-ins and associated skids consisting of SCADA equipment, multiple valves, tie-ins and solar panels.

5.0 INITIAL SITE ASSESSMENT

On September 12, 2023, Etech conducted an initial investigation at the release site. During the initial investigation, a hand auger was utilized to advance a soil bore (SP-1) in the floor of the bell hole proximate to the release point in an effort to determine the vertical extent of soil impacts. During the advancement of the hand-augered soil bore, field soil samples were collected and field-screened for the presence of Volatile Organic Compounds utilizing a Photoionization Detector and/or concentrations of chloride utilizing a Hach Quantab ® chloride test kit. The hand-augered soil bore was advanced from the current floor of the excavation (~10 ft. bgs) to a depth of 13 ft. bgs. During the advancement of the soil bore, a relatively dry, thick "fat clay" layer was encountered. Two (2) soil samples (SP-1 @ 10' and SP-1 @ 13') were collected and submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of chloride concentrations which were determined to be 1,200 mg/kg and 848 mg/kg, respectively. Based on field observations and laboratory analytical results, the thick clay layer appeared to have been effective at limiting the vertical migration of contaminants.

In addition, hand-augered soil bores (NH – 1, EH -1, SH -1, and WH-1) were advanced around the edges of the open bell hole in an effort to determine if horizontal migration occurred at depth. During the advancement of the hand-augered soil bores, nine (9) soil samples (EH-1 @ 4', EH-1 @ 8', NH-1 @ 4', NH-1 @ 7', SH-1 @ 5', SH-1 @ 7', WH-1 @ 4', WH-1 @ 6' and WH-1 @ 8') were collected and submitted to the laboratory for analysis. Laboratory analytical results indicated chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples with the exception of SH-1 @ 5' and SH -1 @ 7', which exhibited chloride concentrations of 640 mg/kg and 1,540 mg/kg, respectively. Based on laboratory analytical results and field observations it was determined that horizontal migration of contaminants at depth may have been limited to the area characterized by sample point SH-1. Site and sample location maps are provided as Figures 3a and 3b. Soil profile logs are provided as Appendix B. A soil chemistry table is provided as Table 1. Laboratory analytical reports are provided in Appendix C.

On September 19 and 21, 2023, Etech revisited the release site in an effort to further characterize the vertical and horizontal extent of soil impacts. During the site visit, a hand auger was utilized to advance an additional soil bore (SP-1b) proximate to SP-1 and the release point. During the advancement of the soil bore, four (4) soil samples (SP-1b @ 10', SP-1b @ 12', SP-1b @ 14' and SP-1b @ 16') were collected and submitted to the laboratory for analysis of chloride concentrations, which were determined to be 2,480 mg/kg, 976 mg/kg, 752 mg/kg and 560 mg/kg, respectively. In addition, one (1) soil bore (SP-2) was advanced in the central portion of the bell hole. During the advancement of the soil bore, four (4) soil samples (SP-2 @ 10', SP-2 @ 12', SP-2 @ 14' and SP-2 @ 16') were collected and submitted to the laboratory for analysis of chloride concentrations which were determined to be 9,200 mg/kg, 352 mg/kg, 464 mg/kg and 640 mg/kg, respectively. Finally, one (1) soil bore (SP-3) was advanced in the western portion of the bell hole. During the advancement of the soil bore, three (3) soil samples (SP-3 @ 10', SP-3 @ 12' and SP-3 @ 14') were collected and submitted to the laboratory for analysis of chloride concentrations which were determined to be 2,480 mg/kg, 304 mg/kg and 432 mg/kg, respectively. Based on laboratory analytical results, the thick clay layer appeared to have been effective at limiting the vertical migration of contaminants.

In addition, sixteen (16) soil samples (ESW @ 0-4'. ESW @ 4-F, NSW-1 @ 0-4', NSW-1 @ 4-F, NSW-2 @ 0-4', NSW-2 @ 4-F, NSW-3 @ 0-4', NSW-3 @ 4-F, SSW-1 @ 0-4', SSW-1 @ 4-F, SSW-2 @ 0-4', SSW-2 @ 4-F, SSW-3 @ 0-4', SSW-3 @ 4-F, WSW-1 @ 0-4' and WSW-1 @ 4-F) were collected from the current sidewalls of the open bell hole. The collected soil samples were submitted to the laboratory for analysis of BTEX, TPH and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were less than the laboratory method detection limit (MDL) in each of the submitted soil samples, with the exception of soil samples NSW-1 @ 0-4', NSW-1 @ 4-F and NSW-2 @ 0-4', which exhibited TPH concentrations of 15.7 mg/kg, 460 mg/kg and 103 mg/kg, respectively. Analytical results indicated chloride concentrations ranged from 160 mg/kg in soil sample SSW-2 @ 0-4' to 13,800 mg/kg in soil sample NSW-1 @ 4'-F.

Finally, deeper hand-augered soil bores (NH-1b, NH-2, NH-3, SH-1B, SH-2, SH-3 and WH-1) were advanced along the edges of the open excavation in an effort to further characterize the horizontal extent of soil impacts and investigate the potential for horizontal migration at greater depths proximate to the open bell hole. The hand-augered soil bores were advanced to depths ranging from 8 to 10 ft. bgs. During the advancement of the hand-augered soil bores, thirty (30) soil samples (NH-1B @ 2', NH-1B @ 4', NH-1(b) @ 6', NH-1(b) @ 8' NH-1(b) @ 10', NH-2 @ 2', NH-2 @ 4', NH-2 @ 6', NH-2 @ 8', NH-2 @ 10', NH-3 @ 2', NH-3 @ 4', NH-3 @ 6', NH-3 @ 8', NH-3 @ 10', SH-1B @ 2', SH-1B @ 4', SH-1B @ 6', SH-1B @ 8'-R, SH-2 @ 2', SH-2 @ 4', SH-2 @ 6', SH-2 @ 8', SH-2 @ 10', SH-3 @ 2', SH-3 @ 4', SH-3 @ 6', SH-3 @ 8', SH-3 @ 10' and WH-1 @ 10') were collected and submitted to the laboratory for analysis of chloride concentrations. Laboratory analytical results indicated chloride concentrations ranged from 32.0 mg/kg in soil samples SH1B @ 4' and SH-2 @ 4' to 544 mg/kg in soil sample SH-2 @ 2'. Based on laboratory analytical results from horizonal delineation soil samples it was determined impacts from the produced water release did not migrate horizontally at depth beyond the areas characterized by sample points NH-1b, NH-2, NH-3, SH-1B, SH-2, SH-3, EH-1 and WH-1.

On September 26, 2023, Etech revisited the Site in an effort to further characterize the vertical extent of soil impacts in the areas characterized by sample points SP-1, SP-2 and SP-3 with the goal of delineating to 20 ft. bgs. During the site visit, the original bore holes were re-entered with a larger diameter hand auger equipped with an extension. During the advancement of the soil bores, seven (7) soil samples (SP-1 @ 18', SP-1 @ 20', SP-2 @ 16', SP-2 @ 18', SP-2 @ 20', SP-3 @ 16' and SP-3 @ 18') were collected and submitted to the laboratory for analysis of chloride concentrations. Laboratory analytical results indicated chloride concentrations ranged from 496 mg/kg in soil sample SP-2 @ 18' to 1,550 mg/kg in soil sample SP-2 @ 16'. Elevated and unexpected chloride concentrations detected in sample points SP-2 and SP-3 (denoted in grey italics on Table 1) may be attributed to mud/material sluffing into the bore hole or the auger scraping the walls of the bore hole while attempting to collect samples at depth from within the bottom of the bell hole. The data does not appear to be representative of site conditions.

6.0 PROPOSED REMEDIATION PLAN

Based on laboratory analytical results, site characteristics, and field observations made during the initial site assessment, Goodnight Midstream Permian, LLC, proposes the following proposed remediation plan designed to bring the Site into compliance with the NMOCD and Landowner:

- •Utilizing mechanical equipment, advance the floor of the current open excavation on the north side of the subject pipeline until laboratory analytical results from excavation confirmation soil samples indicate BTEX, TPH and chloride concentrations are below the NMOCD Closure Criteria (an estimated depth of 14 to 20 feet bgs). It should be noted that this omits certain data collected on September 26, 2023, which is inferred to not be representative of site conditions.
- •The sidewalls of the current open excavation will be advanced toward the north, east and west until laboratory analytical results indicate BTEX, TPH and chloride concentrations are below the conditions of the Surface Use Agreement (SUA) and the NMOCD Closure Criteria. The sidewalls of the current open excavation will be advanced toward the south and west to the maximum extent practicable given the abundance and nature of above- and below-ground utilities including, but not limited to, a line cross of two (2) Goodnight buried pipelines and one (1) Targa buried high-pressure gas line toward the west, and above ground risers and associated skids consisting of SCADA equipment, multiple valves, tie-ins and solar panels toward the south.

- •Excavated material will be temporarily stockpiled on-site atop an impermeable plastic liner then transported to an NMOCD-approved surface waste facility.
- •Upon completion of excavation activities, the requisite excavation confirmation and deferral characterization soil samples will be collected and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations. Impacted soil affected above the NMOCD Closure Criteria remaining in-situ will be further investigated and remediated upon abandoning and decommissioning the facility or upon removal of the subject surface equipment and/or during a major facility reconstruction.
- •Upon receiving laboratory analytical results from excavation confirmation soil samples, backfill the excavated area with locally sourced, non-impacted "like" material.

Goodnight maintains further advancement of the excavation on the south side of the subject pipeline beneath the above ground risers/tie-ins and associated skids consisting of SCADA equipment, multiple valves, tie-ins and solar panels in the southern portion would result in a major facility deconstruction and poses a risk to human health, safety and the environment.

7.0 DEFERRAL REQUEST

Etech maintains further advancement of the excavation south of the subject pipeline would results in a major facility deconstruction and poses a risk to human health, safety and the environment. Based on laboratory analytical results of deferral characterization and delineation soil samples, Etech, on behalf of Goodnight, requests permission to defer remediation of impacted soil affected above the NMOCD Closure Criteria present on the south side of the subject pipeline, adjacent to and beneath the aboveground risers/tie-ins and associated skids consisting of SCADA equipment, multiple valves, tie-ins and solar panels in the southern portion of the remediation Site.

It is estimated that approximately 120 cubic yards (cy) of chloride-impacted soil affected above the NMOCD Closure Criteria will remain in-situ within the approximate 800 sq. ft. area. depicted in Figure 3a - Site and Sample Location Map (Delineation & Deferral). Remediation and final reclamation of chloride-impacted soil affected above the NMOCD Closure Criteria remaining in-situ will be completed in accordance with 19.15.29.12 and 19.15.29.13 NMAC upon decommissioning and abandoning the facility.

8.0 SAMPLING PLAN

Upon completion of excavation activities, representative five-point composite confirmation soil samples will be collected from the excavation sidewalls in each cardinal direction, representing no more than 50 linear feet. A minimum of **one** (1) representative five-point composite confirmation soil sample will be collected from the base of the excavated area representing every **200 square feet**. In the event further advancement of the floor and sidewalls of the excavated area is unsafe, or would require a major facility deconstruction, associated samples will be converted into deferral characterization soil samples and the area will be further delineated.

9.0 TIMELINE AND ESTIMATED VOLUME OF SOIL TO BE REMEDIATED

Partial temporary deferral is estimated to take **four (4) weeks** depending on the timeline receiving necessary approval(s) and coordination with affected operators. Based on laboratory analytical results, site characteristics, and field observations made during the initial site assessment, it is estimated that approximately **980 cy** of impacted soil is in need of removal.

10.0 RECLAMATION AND RECLAMATION PLAN

Upon receiving laboratory analytical results from excavation confirmation and deferral characterization soil samples, excavated areas will be backfilled with locally-sourced, non-impacted "like" material placed at or near original relative positions. Excavation backfill will be compacted and contoured to achieve erosion control, stability and preservation of surface water flow to the extent practicable. Upon backfilling the excavated area, the affected areas not within the facility boundaries will be reseeded with a landowner-approved seed mixture.

Upon decommission and abandoning the facility in accordance with applicable regulatory guidelines and/or conditions of the SUA, whichever is more stringent, impacted soil affected above the NMOCD Closure Criteria and conditions of the SUA remaining in-situ will be excavated and transported to an NMOCD-approved surface waste facility for disposal. Upon excavating impacted soil affected above the NMOCD Closure Criteria and conditions of the SUA remaining in-situ the excavated area will be backfilled with locally-sourced, non-impacted "like" material placed at or near original relative positions and compacted and contoured to achieve erosion control, stability and preservation of surface water flow to the extent practicable.

11.0 LIMITATIONS

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

This report has been prepared for the benefit of Goodnight Midstream Permian, LLC. Use of the information contained in this report is prohibited without the consent of Etech and/or Goodnight Midstream Permian, LLC.

12.0 DISTRIBUTION

Goodnight Midstream Permian, LLC 5910 N Central Expy Suite 800 Dallas, TX 75206

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

(Electronic Submission)

Figure 1 Topographic Map

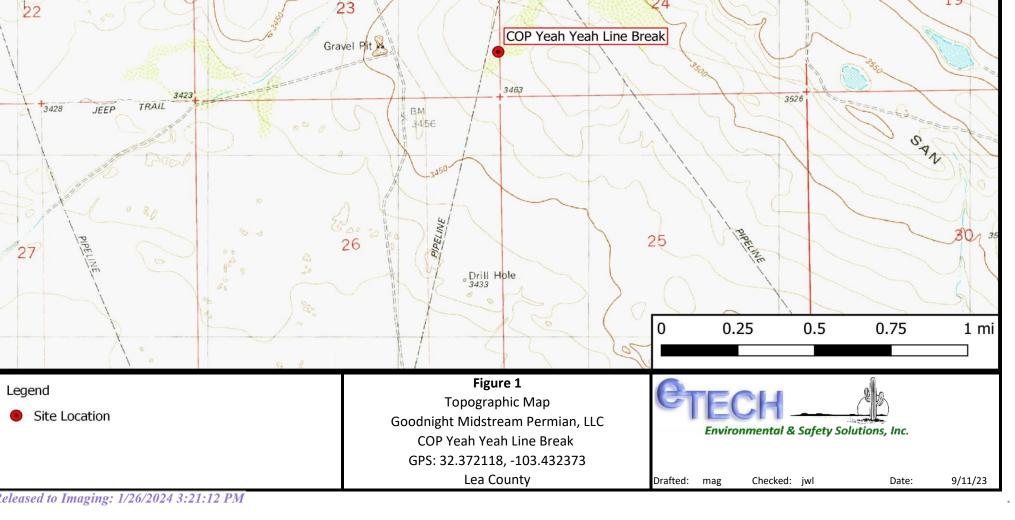
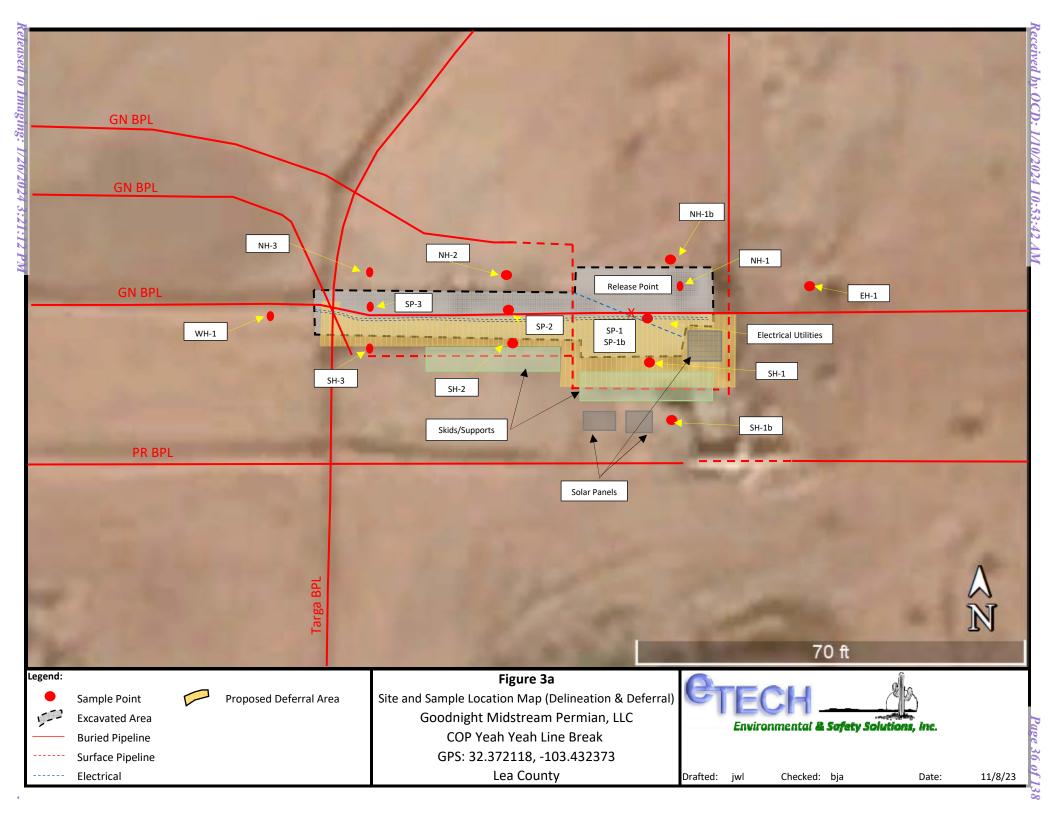


Figure 2 Aerial Proximity Map

Figure 3 Site and Sample Location Mapu



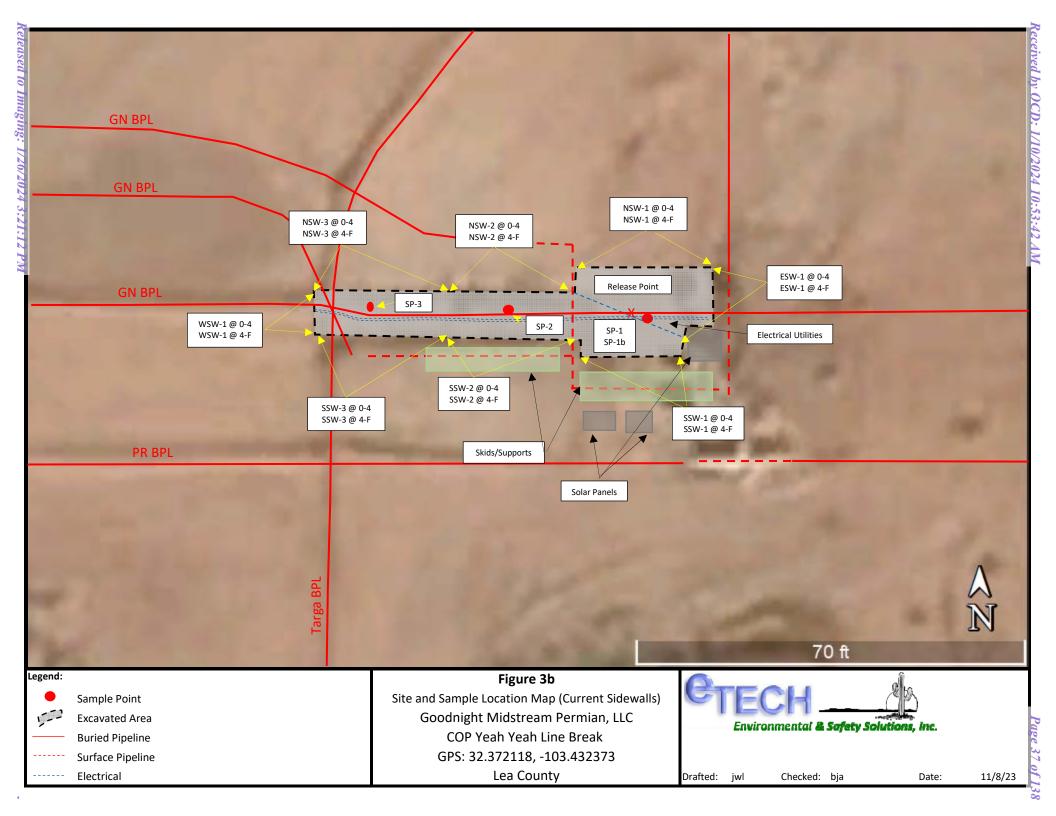


Table 1 Concentrations of BTEX, TPH, and Chloride in Soil

	Table 1										
					of BTEX, T			in Soil			
				_	t Midstre						
					Yeah Yea						
				NMOCI	D Ref. #: n	APP2325	020061	T			
	CD Closure C			10	50	-	-	-	-	100	600
NMOCD	Reclamation	Standard		10	50	-	600				
				SW 840	6 8021B			4500 Cl			
Sample ID	Date	Depth	Soil	Benzene	BTEX	GRO	DRO	GRO + DRO	ORO	TPH	Chloride
•		(Feet)	Status	(mg/kg)	(mg/kg)	C ₆ -C ₁₀	C ₁₀ -C ₂₈	C ₆ -C ₂₈	C ₂₈ -C ₃₆	C ₆ -C ₃₆	(mg/kg)
						(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
	Horitonal Delineation Soil Samples										
NH - 1 @ 4'	9/12/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
NH - 1 @ 7'	9/12/2023	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	512
	9/19/2023	2	In-Situ	-	-	-	-	-	-	-	48.0
	9/19/2023	4	In-Situ	-	-	-	-	-	-	-	160
. , , ,	9/21/2023	6	In-Situ	-	-	-	-	-	-	-	320
	9/21/2023	8	In-Situ	-	-	-	-	-	-	-	448
	9/21/2023	10	In-Situ	-	-	-	-	-	-	-	336
NH - 2 @ 2'	9/19/2023	2	In-Situ	-	-	-	-	-	-	-	112
NH - 2 @ 4'	9/19/2023	4	In-Situ	-	-	-	-	-	-	-	128
NH - 2 @ 6'	9/21/2023	6	In-Situ	-	-	-	-	-	-	-	288
NH - 2 @ 8'	9/21/2023	8	In-Situ	-	-	-	-	-	-	-	256
NH - 2 @ 10'	9/21/2023	10	In-Situ	-	-	-	-	-	-	-	176
NH - 3 @ 2'	9/19/2023	2	In-Situ	-	-	-	-	-	-	-	192
NH - 3 @ 4'	9/19/2023	4	In-Situ	-	-	-	-	-	-	-	80.0
NH - 3 @ 6'	9/21/2023	6	In-Situ	-	-	-	-	-	-	-	208
NH - 3 @ 8'	9/21/2023	8	In-Situ	-	-	-	-	-	-	-	224
NH -3 @ 10'	9/21/2023	10	In-Situ	-	-	-	-	-	-	-	240
EH - 1 @ 4'	9/12/2023	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
EH - 1 @ 8'	9/12/2023	8	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
SH - 1 @ 5'	9/12/2023	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	640
SH - 1 @ 7'	9/12/2023	7	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,540
SH - 1B @ 2'	9/19/2023	2	In-Situ	-	-	-	-	-	-	-	272
	9/19/2023		In-Situ	-	-	-	-	-	-	-	32.0
	9/19/2023	6	In-Situ	-	-	-	-	-	-	-	128
SH - 1B @ 8' - R		8	In-Situ	-	-	-	-	-	-	-	256
SH - 2 @ 2'	9/19/2023	2	In-Situ	-	-	-	-	-	-	-	544
SH - 2 @ 4'	9/19/2023		In-Situ	-	-	-	-	-	-	-	32.0
SH - 2 @ 6'	9/19/2023	6	In-Situ	-	-	-	-	-	-	-	176
SH - 2 @ 8'	9/19/2023	8	In-Situ	-	-	-	-	-	-	-	304
SH - 2 @ 10'	9/19/2023	10	In-Situ	-	-	-	-	-	-	-	416
SH - 3 @ 2'	9/19/2023	2	In-Situ		-	-	-	-	-	-	160
SH - 3 @ 4'	9/19/2023	4	In-Situ	-	-	-	-	-	-	-	272
SH - 3 @ 6'	9/19/2023	6	In-Situ	-	-	-	-	-	-	-	256
SH - 3 @ 8'	9/19/2023	8	In-Situ		-	-	-	-	-	-	240
SH - 3 @ 10'	9/19/2023		In-Situ		- 200						240
WH - 1 @ 4'	9/12/2023	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
WH - 1 @ 6'	9/12/2023	6	In-Situ		<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
WH - 1 @ 8'	9/12/2023	8	In-Situ		< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
WH - 1 @ 10'	9/19/2023	10	In-Situ	-	-	-	-	-	-	-	160

Table 1											
					f BTEX, T			n Soil			
				U	t Midstre						
					Yeah Yea						
				NMOCI) Ref. #: n	APP2325	020061				
	CD Closure C			10	50	-	-	-	-	100	600
NMOCD	Reclamation	Standard		10	50	-	-	-	-	100	600
				SW 840	5 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth	Soil	Benzene	BTEX	GRO	DRO	GRO + DRO	ORO	ТРН	Chloride
•		(Feet)	Status	(mg/kg)	(mg/kg)	C_6-C_{10}	C ₁₀ -C ₂₈	C_6 - C_{28}	C ₂₈ -C ₃₆	C ₆ -C ₃₆	(mg/kg)
						(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
Vertical Delination Soil Samples											
SP 1 @ 10'	9/12/2023	10	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,200
SP 1 @ 13'	9/12/2023	13	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	848
$\overline{}$	9/19/2023	10	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,480
$\overline{}$	9/19/2023	12	In-Situ	-	-	-	-	-	-	-	976
	9/19/2023	14	In-Situ	-	-	-	-	-	-	-	752
	9/19/2023	16	In-Situ	-	-	-	-	-	-	-	560
SP - 1 @ 18'	9/26/2023	18	In-Situ	-	-	-	-	-	-	-	528
SP - 1 @ 20'	9/26/2023	20	In-Situ	-	-	-	-	-	-	-	560
SP - 2 @ 10'	9/19/2023	10	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,200
SP - 2 @ 12'	9/19/2023	12	In-Situ	ı	ı	ı	-	ı	ı	-	352
SP - 2 @ 14'	9/19/2023	14	In-Situ	ı	-	ı	-	ı	ı	-	464
SP - 2 @ 16'	9/19/2023	16	In-Situ	1	-	1	-	-	-	-	640
SP - 2 @ 16'	9/26/2023	16	In-Situ	-	-	-	-	-	-	-	1,550
SP - 2 @ 18'	9/26/2023	18	In-Situ	-	-	-	-	-	-	-	496
SP - 2 @ 20'	9/26/2023	20	In-Situ	-	-	-	-	-	-	-	1,140
SP - 3 @ 10'	9/19/2023	10	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,480
SP - 3 @ 12'	9/19/2023	12	In-Situ	-	-	-	-	-	-	-	304
SP - 3 @ 14'	9/19/2023	14	In-Situ	-	-	-	-	-	-	-	432
SP - 3 @ 16'	9/26/2023	16	In-Situ	-	-	-	-	-	-	-	736
SP - 3 @ 18'	9/26/2023	18	In-Situ	-	-	-	-	-	-	-	592
				Curre	nt Sidewa	ll Soil San	nples				
ESW @ 0-4'	9/19/2023	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	752
ESW @ 4'-F	9/19/2023	4-10	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	2,160
NSW - 1 @ 0-4'		0-4	In-Situ	< 0.050	< 0.300	<10.0	15.7	15.7	<10.0	15.7	2,080
NSW -1 @ 4'-f		4-10	In-Situ		< 0.300	12.6	382	395	65.4	460	13,800
NSW - 2 @ 0-4'		0-4	In-Situ	< 0.050	< 0.300	<10.0	71.3	71.3	31.4	103	1,600
NSW - 2 @ 4'-F		4-10	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,640
NSW - 3 @ 0-4'		0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	336
NSW - 3 @ 4'-F		4-10	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	10,400
SSW - 1 @ 0-4'		0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,440
SSW - 1 @ 4' - F			In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	5,900
SSW - 2 @ 0-4'		0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
SSW - 2 @ 4' - F		4-10	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,880
SSW - 3 @ 0-4'		0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
SSW - 3 @ 4' - F		4-10	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	9,800
WSW - 1 @ 0-4'		0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,920
WSW - 1 @ 0-4 WSW - 1 @ 4' - F			In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	4,560
W 5 W - 1 W 4 - F	2/12/2023	4-10	III-SIII	~0.030	~0.300	10.0	10.0	\∠0.0	10.0	\30.0	4,300

Appendix A Depth to Groundwater Information



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)

		POD Sub-		Q	Q	Q								1	Water
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng	X	Y	DistanceDe	pthWellDe	pthWater C	olumn
<u>CP 01718 POD1</u>		CP	LE	2	3	3	24	22S	34E	647700	3582811	227	1172	855	317
<u>CP 01684 POD1</u>		CP	LE	2	1	4	23	22S	34E	646932	3583129	656	300		
<u>CP 01719 POD1</u>		CP	LE	4	4	3	24	22S	34E	648215	3582680	742	1173	838	335
<u>CP 01683 POD1</u>		CP	LE	2	3	2	23	22S	34E	646949	3583562	957	300		
<u>CP 00598 POD1</u>		CP	LE		4	1	23	22S	34E	646480	3583511*	1246	70		
<u>CP 01682 POD1</u>		CP	LE	1	2	2	23	22S	34E	647164	3583992	1268	294	42	252

Average Depth to Water:

578 feet

Minimum Depth:

42 feet

Maximum Depth:

855 feet

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 647477.52 Radius: 1610 **Northing (Y):** 3582763.75

*UTM location was derived from PLSS - see Help

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9/11/23 7:57 AM

WATER COLUMN/ AVERAGE DEPTH TO



Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

NA

CP 01718 POD1

24

647700

22S 34E

3582811



Driller License: 421 **Driller Company:**

GLENN'S WATER WELL SERVICE

Driller Name:

CORKY GLENN

Drill Finish Date: 05/13/2019

Plug Date:

Drill Start Date: Log File Date:

05/09/2019 06/10/2019

PCW Rcv Date:

Source: Artesian

Pump Type:

Pipe Discharge Size:

Estimated Yield: Depth Water:

120 GPM

Casing Size:

8.13

Depth Well:

1172 feet

855 feet

Water Bearing Stratifications:

Top 800

Bottom Description Sandstone/Gravel/Conglomerate

855 950

Sandstone/Gravel/Conglomerate 1139 Sandstone/Gravel/Conglomerate

Casing Perforations:

Top **Bottom**

752 1172

SEAMETRICS

Meter Number:

20164

Meter Make:

Meter Serial Number: 03212352 **Number of Dials:**

Meter Multiplier: Meter Type:

1.0000 Diversion

Unit of Measure:

Usage Multiplier:

Barrels 42 gal.

Return Flow Percent:

Reading Frequency:

Monthly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr Comment	Mtr Amount Online
09/02/2019	2019	15042	A	ad	0
04/09/2020	2020	15042	A	ad	0
05/31/2020	2020	15042	A	ad	0
06/30/2020	2020	15042	A	ad	0
07/31/2020	2020	15042	A	ad	0
08/31/2020	2020	15042	A	ad	0
09/30/2020	2020	15042	A	ad	0
10/31/2020	2020	15042	A	ad	0
11/30/2020	2020	15042	A	ad	0
12/31/2020	2020	15042	A	ad	0
01/31/2021	2021	15042	A	ad	0
02/28/2021	2021	20251	A	ad	0.671
03/31/2021	2021	20251	A	ad	0
04/30/2021	2021	20536	A	ad	0.037
05/13/2021	2021	0	A	ad	0
05/31/2021	2021	0	A	ad	0
06/30/2021	2021	18656	A	ad	2.405
07/31/2021	2021	19655	A	ad	0.129

08/31/2021	2021	53526	A	ad	4.366
09/30/2021	2021	85398	A	ad	4.108
10/31/2021	2021	109132	A	ad	3.059
11/30/2021	2021	129634	A	ad	2.643
12/26/2021	2021	150430	A	ad	2.680
01/31/2022	2022	180793	A	ad	3.914
02/28/2022	2022	180794	A	ad	0
03/31/2022	2022	196267	A	ad	1.994
04/30/2022	2022	240915	A	ad	5.755
06/01/2022	2022	255789	A	ad	1.917
07/01/2022	2022	288319	A	ad	4.193
08/01/2022	2022	324972	A	ad	4.724
11/01/2022	2022	351870	A	WEB	3.467 X
12/01/2022	2022	374916	A	WEB	2.970 X
01/01/2023	2022	380172	A	WEB	0.677 X
02/01/2023	2023	380174	A	WEB	0 X
03/01/2023	2023	416655	A	WEB	4.702 X
04/01/2023	2023	445946	A	WEB	3.775 X
05/01/2023	2023	445947	A	WEB	0 X
06/01/2023	2023	478762	A	WEB	4.230 X
07/01/2023	2023	516581	A	WEB	4.875 X
08/01/2023	2023	520424	A	WEB	0.495 X
09/01/2023	2023	520424	A	WEB	0 X
**YTD Mete	er Amounts.	Year		Amount	
I ID MICH	/ imounts.	2019		0	
		2019		0	
		2020		20.098	
		2021		29.611	
		2022		18.077	
		2023		10.0//	

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9/11/23 7:59 AM



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

WELL OWN WELL OWN	Livestock	Company/Glenn's	Water Well Ser	vice, Inc.			PHONE (OPTI) 575-398-242 CITY			⊃ ⇒ ZIP
PO Box 6	92						Tatum		NM 8	8 267
WELL		DI	EGREES 32	MINUTES 22	SECONE 21.0	(* ACCURACY	REQUIRED: ONE TEN	TH OF A SECOND	5
LOCATIO (FROM GI	2S) 1231	TITUDE NGITUDE	-103	25	48.00	N		QUIRED: WGS 84	THO A SECOND	
		NG WELL LOCATION TO 1/4 Section 24, Town					•		ERE AVAILABLE	:
		NAME OF LOTHER	- NAVI I NA	A. S. S.	*			L vivia on viet i no	<u>tu</u>	
LICENSE NO WD		NAME OF LICENSED		orky Glenn				NAME OF WELL DR Glenn's V	Vater Well Service,	Inc.
DRILLING S 05/09		DRILLING ENDED DEPTH OF COMPLETED WELL (FT) BORE HO 05/13/19 1,172						DEPTH WATER FIR	ST ENCOUNTERED (F 855'	T).
COMPLETE	D WELL IS:	✓ ARTESIAN	DRY HOLE SHALLOW (UNCONFINED)				STATIC WATER LEV	VEL IN COMPLETED V 403'	VELL (F	
DRILLING F	LUID:	AIR	✓ MUD	ADDITIVE	ES – SPECI	FY:		<u> </u>		
DRILLING N	IETHOD:	ROTARY	HAMMER	CABLETO	OOL	ОТНЕ	R - SPECIFY:			
DEPTH FROM	DEPTH (feet bgl) FROM TO DIAM (inches)		(include each	TERIAL AND GRADE I casing string, a		CONN	ASING VECTION YPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SI S (in
0	40	20"		note sections of screen) (add coupling diameter) ASTM A53 Sch 40 Steel 16" OD None		15.5	.25			
0	800	14.75"	API Steel Grade				d & Collar	10.05	.35	
752	1,172	9.875"	_	8 5/8" / 8.625"		Pla	in End	8.125	.25	1
			(420' Total) B	ottom 378 Perfo	rated					
						·				
DEPTH	(feet bgl)	BORE HOLE		ANNULAR SE				AMOUNT	метн	
FROM 0	TO 40'	DIAM. (inches)	GRAVE	L PACK SIZE-I	ented	SYINIE	KVAL	(cubic feet)	PLACE	
0	800'	14.75"	Float ar	d Shoe Cement		ace 28 B	arrels	2 yards 345 Sacks Pump		Pour ilated
		2 3								
			<u> </u>							

-	DEPTH (f	eet bgl)	THICKNESS	COLOR AND TYPE OF MATERIAL ENCOUNTERED -	WATER	ESTIMATED YIELD FOR
	FROM	то	(feet)	INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONE: (attach supplemental sheets to fully describe all units)	BEARING? (YES/NO)	WATER- BEARING ZONES (gpm
	0	5	5	Sand	Y ✓N	
	5	25	20	Caliche	Y ✓N	
	25	125	100	Sand & Red Clay	Y ✓N	
	125	550	425	Red Clay & Shale	Y ✓N	
	550	800	250	Red Shale & Clay	Y ✓N	
	800	855	55	Sandrock & Shale	✓ Y N	
	855	918	63	Sandrock & Shale	✓ Y N	
L	918	950	32	Sandrock& Blue & Red Shale	✓ Y N	
	950	1,139	189	Sand	✓ Y N	120.00
	1,139	1,172	33	Red Shale	Y ✓N	
					Y N	
					Y N	
					Y N	
		_			Y N	
					Y N	
					. Y N	
					· Y N	
ſ					Y N	
					Y N	
					Y N	
					Y N	
ľ	METHOD U	SED TO ES	STIMATE YIELD (OF WATER-BEARING STRATA:	TOTAL ESTIMATED	
	PUME	· [/]A	IR LIFT	BAILER OTHER - SPECIFY:	WELL YIELD (gpm):	120.00
	WELL TES	STAR	T TIME, END TIM FORMATION: 0' to	CH A COPY OF DATA COLLECTED DURING WELL TESTING, INC IE, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVE 0 800' drilled with mud. ' to 1,172' drilled with air and foam.		
			4.4500	/ISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONS		er million de region (de la constitución de la cons
	CORRECT R	ECORD O	F THE ABOVE DE	ES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELL SSCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL R DAYS AFTER COMPLETION OF WELL DRILLING: Corky Glenn	EF, THE FOREGOING I	S A TRUE AN
.		1'07	My 1/4		5/22 //9	
	/					

POD NO.

EXPL WELL TAG ID NO.

Released to Imaging: 1/26/2024 3:21:12 PM

FILE NO.

LOCATION



Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec Tws

X

2062C CP 01684 POD1

Q64 Q16 Q4 Sec Tws Rng

646932 3583129

3583129

Driller License:

Driller Company:

Driller Name:

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Pump Type:Pipe Discharge Size:Estimated Yield:Casing Size:Depth Well:300 feetDepth Water:

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9/11/23 7:59 AM



Water Right Summary

get image list

WR File Number: CP 01684 Subbasin: CP Cross Reference: -

Primary Purpose: COM COMMERCIAL

Primary Status: PMT PERMIT

Total Acres: 0 Subfile: - Header: -

Total Diversion: 128 Cause/Case: -

Agent: ATKINS ENGR ASSOC INC

Contact: JESSICA ATKINS

Owner: MERCHANT LIVESTOCK CO

Contact: CORKY GLENNS WATER WELL SERVICE

Documents on File

				Sta	itus		From/			
Tr	n #	Doc	File/Act	1	2	Transaction Desc.	To	Acres	Diversion	Consumptive
get 682	1837 7	2121	2020-11-17	PMT	APR	CP 01684 POD1	T		3	
get 611	1829 A	APPRO	2020-03-16	PMT	FIN	CP-1684 POD1	T	0	125	125
get 660 images	0043 7	2121	2019-10-04	EXP	EXP	CP 01684 POD1	T		3	
get images 632	2622 7	2121	2018-09-24	EXP	EXP	CP 01684 POD1	T		3	
images 612	<u>2596 7</u>	2121	2017-08-25	EXP	EXP	CP 01684 POD1	T		3	

Current Points of Diversion

(NAD83 UTM in meters)

			Q	(TAIDOS CTIV	in meters)	
POD Number	Well Tag S	ource	64Q16Q4Sec Tws Rng	X	Y	Other Location Desc
CP 01684 POD1	2062C		2 1 4 23 22S 34E	646932	3583129	

Priority Summary

Priority	Status	Acres	Diversion	Pod Number
01/23/2018	PMT	0	125	<u>CP 01684 POD1</u>

Place of Use

256 64 Q16 Q4Sec Tws Rng	Acres	Diversion	CU Use Priority	Status	Other Location Desc
	0	125	125 COM 01/23/2018	PMT	SECTION ALL TOWNSHIP
					21S23S. Range 32E36E.

Source

AcresDiversionCUUsePrioritySourceDescription0125125COM01/23/2018GW

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9/11/23 8:06 AM WATER RIGHT SUMMARY



Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**

Q64 Q16 Q4 Sec Tws Rng 24 22S

X

NA CP 01719 POD1

3582680 648215

Driller License: 421 **Driller Company:**

GLENN'S WATER WELL SERVICE

Driller Name:

GLENN, CLARK A."CORKY", CE

05/20/2019

Drill Finish Date:

05/24/2019

Plug Date:

Drill Start Date: Log File Date:

06/10/2019

PCW Rcv Date:

Pipe Discharge Size:

Source:

Artesian **Estimated Yield:** 100 GPM

Pump Type: Casing Size:

8.00

Depth Well:

1173 feet

Depth Water:

838 feet

Water Bearing Stratifications: Top

Bottom Description 826

Shale/Mudstone/Siltstone

857 Shale/Mudstone/Siltstone

953

1150 Sandstone/Gravel/Conglomerate

1150

1173 Shale/Mudstone/Siltstone

Casing Perforations:

Top **Bottom**

753 1173

SEAMETRICS

Meter Serial Number: 10 200 093

20158

Meter Multiplier:

1.0000

Number of Dials:

Meter Make:

Meter Type:

Diversion

Unit of Measure:

Meter Number:

Barrels 42 gal.

Return Flow Percent:

Usage Multiplier:

Reading Frequency:

Monthly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr Comment	Mtr Amount Online
04/30/2020	2020	11980	A	ad	0
05/31/2020	2020	11980	A	ad	0
06/30/2020	2020	11980	A	ad	0
07/31/2020	2020	11980	A	ad	0
08/31/2020	2020	11980	A	ad	0
09/30/2020	2020	11980	A	ad	0
10/31/2020	2020	11980	A	ad	0
11/30/2020	2020	11980	A	ad	0
12/31/2020	2020	11980	A	ad	0
01/31/2021	2021	11980	A	ad	0
02/20/2021	2021	0	A	ad	0
02/28/2021	2021	3493	A	ad	0.450
03/31/2021	2021	3493	A	ad	0
04/30/2021	2021	6905	A	ad	0.440
05/31/2021	2021	47818	A	ad	5.273
06/30/2021	2021	59007	A	ad	1.442
07/31/2021	2021	78515	A	ad	2.514

08/31/2021	2021	119887	A	ad	5.333
09/30/2021	2021	163769	A	ad	5.656
10/31/2021	2021	195376	A	ad	4.074
11/30/2021	2021	226335	A	ad	3.990
12/26/2021	2021	258461	A	ad	4.141
01/31/2022	2022	299247	A	ad	5.257
02/28/2022	2022	299273	A	ad	0.003
03/31/2022	2022	299273	A	ad	0
04/30/2022	2022	391169	A	ad	11.845
06/01/2022	2022	395948	A	ad	0.616
07/01/2022	2022	465704	A	ad	8.991
08/05/2022	2022	503843	A	ad	4.916
09/01/2022	2022	534781	A	ad	3.988
11/01/2022	2022	534782	A	WEB	0 X
12/01/2022	2022	564473	A	WEB	3.827 X
01/01/2023	2022	570659	A	WEB	0.797 X
02/01/2023	2023	570666	A	WEB	0.001 X
03/01/2023	2023	629574	A	WEB	7.593 X
04/01/2023	2023	670661	A	WEB	5.296 X
05/01/2023	2023	670662	A	WEB	0 X
06/01/2023	2023	722663	A	WEB	6.703 X
07/01/2023	2023	780574	A	WEB	7.464 X
08/01/2023	2023	785760	A	WEB	0.668 X
09/01/2023	2023	785760	A	WEB	0 X
**YTD Met	er Amounts:	Year		Amount	
		2020		0	
		2021		33.313	
		2022		40.240	
		2023		27.725	

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.

9/11/23 7:59 AM



Z	OSE POD NO	•	•	V	ÆLL TAG ID NO.			OSE FILE NO(S)			
OCATIO	well own Merchant		e(s) ock Company/Glenn's	Water Well Sea	rvice, Inc.			PHONE (OPTI 575-398-24)				
WELL LO	WELL OWN PO Box 6		ING ADDRESS					CITY Tatum		STATE NM	882	ZIP 267
GENERAL AND WELL LOCATION	WELL LOCATIO (FROM GE	-s)	D LATITUDE LONGITUDE	32 -103	MINUTES 22 25	SECON 16.5 28.3	6 N		REQUIRED: ONE TEN	TH OF A SECO	ND	
1. GE			TING WELL LOCATION TO /4 Section 24, Towns							ERE AVAILAB	LE	
	LICENSE NO WD		NAME OF LICENSEE		Corky Glenn				NAME OF WELL DR Glenn's V	ULLING COMPA Water Well Ser		
	DRILLING S 05/20		DRILLING ENDED 05/24/19		LETED WELL (FT 1,173	"		E DEPTH (FT) ,173	DEPTH WATER FIR	ST ENCOUNTE 838'	RED (FT)	
N	COMPLETE	D WELL I	S: 🕜 ARTESIAN	DRY HOLE	SHALLOV	V (UNCON	(FINED)		STATIC WATER LE	VEL IN COMPLI 405'	ETED WEI	.L (FT)
H	DRILLING F	LUID:	AIR	MUD MUD	ADDITIVE	S - SPEC	IFY;					
RM/	DRILLING M	ŒTHOD:		HAMMER	CABLETO	OOL	□ ОТНЕІ	R - SPECIFY:			,	
DRILLING & CASING INFORMATION	DEPTH FROM	(feet bgl	BOKE HOLL	(include eac	ATERIAL AND GRADE h casing string, a		CONN T	SING ECTION YPE	CASING INSIDE DIAM. (inches)	CASING V THICKN (inche	ESS	SLOT SIZE (inches)
۲.	0	40	20"		Sch 40 Steel 16"	OD		ing diameter)	15.5	.25		
S. S.	0	788	14.75"	API Steel Grad	e J-55/K-55 10.7	75" OD	Thread	& Collar	10.05	.35		
RILLIN	753	1,17	3 9.875"		8 5/8" / 8.625" ottom 378 Perfo		Pla	in End	8.125	.25		1/8"
2. [
	•	· · · · · · · · · · · · · · · · · · ·								Dr. s	3 9	
										*		
AL	DEPTH ((feet bgl	DIAM (inches)		ANNULAR SEA L PACK SIZE-F			1	AMOUNT (cubic feet)		ÉTHOD LACEM	
ERI	0	40'	20"		Ceme	ented			2 yards		Тор Ро	ır
ИАТ	0	788	14.75"	Float a	nd Shoe Cement	ed to Sur	face 47 Ba	urels	405 Sacks Pump	ed	Circulat	
ANNULAR MATERIAL		·-									,	
3. ANN												
FOR	OSE INTER	NAL US	E A 171A				-7-14	WR-20	WELL RECORD &	& LOG (Versi	on 06/30.	(17)

FOR OSE INTERNAL	USE		WR-20 WELL RECORD	0 & LOG (Version 06/30/17)
FILE NO.	CP-1 119	BODNO.	50 FRANOLID	1
LOCATION	225.3	4E.24.34	WELL TAG ID NO. ———	PAGE 1 OF 2
			7	

	DEPTH (feet bgl)	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONE (attach supplemental sheets to fully describe all units)	S BEA	ATER ARING? S/NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	0	8	8	Clay	Y	√ N	DOTTED (gpin)
	8	25	17	Caliche	Y	√ N	
	25	120	95	Sand & Red Clay	Y	✓ N	
	120	500	380	Red Clay & Shale	Y	√ N	
	500	728	228	Brown Shale	Y	✓ N	
١,	728	788	60	Red Shale & Clay	Y	✓ N	
EL!	788	794	6	Red Shale & Clay	Y	✓ N	
1	794	826	32	Red Shale & some Blue Clay	Y	√ N	
96.0	826	857	31	Blue Sand Shale	✓ Y	N	
713	857	953	96	Red Sand & Shale	✓ Y	N	
061	953	1,150	197	Sand	✓ Y	N	100.00
HYDROGEOLOGIC LOG OF WELL	1,150	1,173	23	Red Shale	✓ Y	N	100.00
[90]	1,130	1,173	23	NEU SHAR	Y	N N	
YDR					- 1 Y		
4. 11			·		Y	N	
				******	Y	N	
	-				<u>'</u>	N	
					- 1 Y	N	
		-			Y	N N	
					Y		
					Y	N N	
	NATURE YOUR AS	een to re	TO AATE VELLE	OF WATER-BEARING STRATA:	TOTAL ESTI		
				_	WELL YIEL		100.00
	PUMI	, N	R LIFT	BAILER OTHER - SPECIFY:	<u> </u>		150.00
NO	WELL TEST			ACH A COPY OF DATA COLLECTED DURING WELL TESTING, INC ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVE			
RVISION	MISCELLA	NEOUS INF	ORMATION:				
[<u>-</u>				o 788' drilled with mud.			
ns o			78	8' to 1,173' drilled with air and foam.			
; RI(13
TEST; RIG SUP	PRINT NAM	E(S) OF DR	LILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONS	TRUCTION C	THER TH	
5.1							
]				IES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELI			
SIGNATURE				ESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RI DDAYS AFTER COMPLETION OF WELL DRILLING:	ECORD WITH	I THE STA	TE ENGINEER
TY		_	0 0	- 0		_	
Sign		long h		Corky Glenn	1 /1/2 ·	//0	
ف		SICNAT	JRE OF DRILLE	R / PRINT SIGNEE NAME	1/7	DATE	
		SIGNEDA'	THE OF DRILLER	V / ARMAI GROUND WANTE		DO IE	
FOR	OSE INTERN	IAL USE		WR-20 WEL	L RECORD &	LOG (Ven	sion 06/30/2017)
FILE	NO.	CPI	719	POD NO. TRN NO.	47	137	0
LOC	'ATION			WELL TAG ID NO.			PAGE 2 OF 2



Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

646949

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

20D30 CP 01683 POD1

3583562

Driller License: Driller Company:

Driller Name:

Drill Start Date: Plug Date: **Drill Finish Date:** Log File Date: **PCW Rcv Date:** Source:

Pump Type: Pipe Discharge Size: **Estimated Yield: Casing Size:** Depth Well: 300 feet **Depth Water:**

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9/11/23 7:59 AM



Water Right Summary

get image lies

WR File Number: CP 01683 Subbasin: CP Cross Reference: -

Primary Purpose: COM COMMERCIAL

Primary Status: PMT PERMIT

Total Acres: 0 Subfile: - Header: -

Total Diversion: 128 Cause/Case: -

Agent: ATKINS ENGR ASSOC INC

Contact: JESSICA ATKINS

Owner: MERCHANT LIVESTOCK CO

Contact: CORKY GLENNS WATER WELL SERVICE

Q

Documents on File

			Sta	itus		From/			
Trn	# Doc	File/Act	1	2	Transaction Desc.	To	Acres	Diversion	Consumptive
get images 6818	320 72121	2020-11-17	PMT	APR	CP 01683 POD1	T		3	
get 6118	323 APPRO	2020-03-16	PMT	FIN	CP-1683 POD1	T	0	125	125
get 6598	358 72121	2019-10-04	EXP	EXP	CP 01683 POD1	T		3	
get 6325	578 72121	2018-09-21	EXP	EXP	CP 01683 POD1	T		3	
images 6125	593 72121	2017-08-25	EXP	EXP	CP 01683 POD1	T		3	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	640	Q16	Q4	Sec	Tws Rng	X	Y	Other Location Desc
CP 01683 POD1	20D30		2	3	2	23	22S 34E	646949	3583562	

Priority Summary

PriorityStatusAcresDiversionPod Number12/20/2017PMT0125CP 01683 POD1

Place of Use

256 64 Q16 Q4Sec Tws Rng
O
Diversion
O
125 COM 12/20/2017 PMT SECTION ALL TOWNSHIP 21S.-23S. R.32E.-36E.

Source

AcresDiversionCUUsePrioritySourceDescription0125125COM12/20/2017GW

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9/11/23 8:08 AM

WATER RIGHT SUMMARY



Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

646480 3583511*

Driller License:

CP 00598 POD1

Driller Company:

UNKNOWN

Driller Name:

Drill Start Date:

Drill Finish Date:

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 3 GPM

Casing Size:

6.63

Depth Well:

70 feet

Depth Water:

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9/11/23 7:59 AM

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



Water Right Summary

get image list

WR File Number: CP 00598 Subbasin: CP Cross Reference: -

Primary Purpose: PLS NON 72-12-1 LIVESTOCK WATERING

Primary Status: DCL DECLARATION

Total Acres: 0 Subfile: - Header: -

Total Diversion: 3 Cause/Case: -

Owner: THE MERCHANT LIVESTOCK COMPANY

Documents on File

Status From/

Trn# Doc File/Act 1 2 Transaction Desc. To Acres Diversion Consumptive

8 <u>8^{et} 546669 DCL 1979-04-17</u> DCL PRC CP 00598 T 0 3

Current Points of Diversion

(NAD83 UTM in meters)

 POD Number
 Well Tag
 Source
 64Q16Q4Sec Tws Rng
 X
 Y
 Other Location Desc

 CP 00598 POD1
 Shallow
 4 1 23 22S 34E
 646480 3583511*

An () after northing value indicates UTM location was derived from PLSS - see Help

Priority Summary

Priority Status Acres Diversion Pod Number

12/31/1962 DCL 0 3 <u>CP 00598 POD1</u> Shallow

Place of Use

QQ

256 64 Q16 Q4Sec Tws Rng Acres Diversion CU Use Priority Status Other Location Desc

0 3 PLS 12/31/1962 DCL NO PLACE OF USE GIVEN

Source

Acres Diversion CU Use Priority Source Description

0 3 PLS 12/31/1962 GW

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.

9/11/23 8:10 AM WATER RIGHT SUMMARY



Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

 Well Tag
 POD Number
 Q64 Q16 Q4 Sec
 Tws
 Rng
 X
 Y

 2062A
 CP 01682 POD1
 1 2 2 23 22S 34E 647164 3583992

Driller License: 421 Driller Company: GLENN'S WATER WELL SERVICE

Driller Name: CORKY GLENN

Log File Date:09/19/2019PCW Rcv Date:Source:ShallowPump Type:Pipe Discharge Size:Estimated Yield:15 GPMCasing Size:8.13Depth Well:294 feetDepth Water:42 feet

Water Bearing Stratifications:

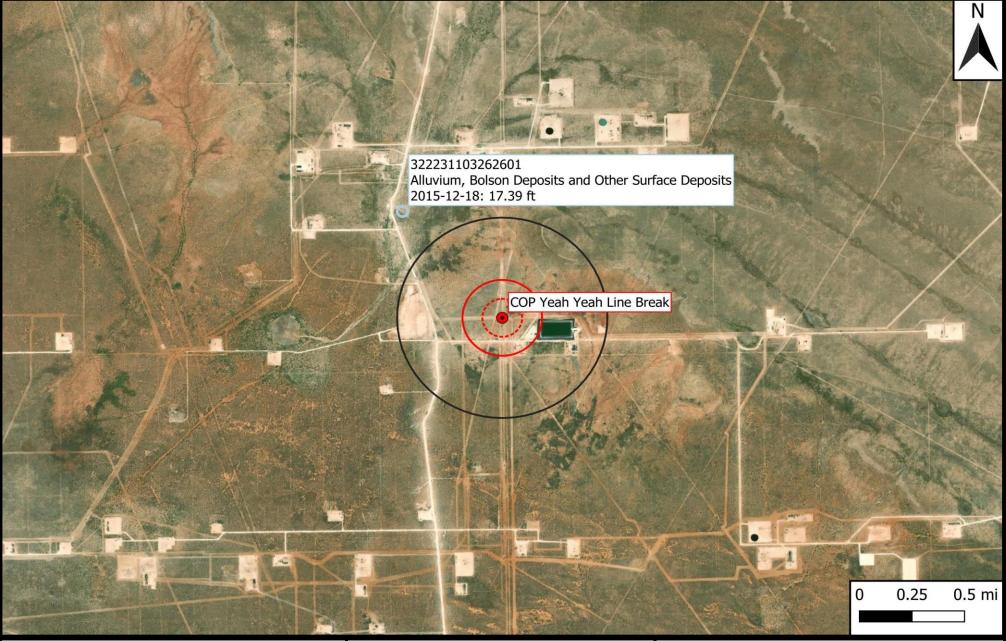
Top Bottom Description

42 56 Sandstone/Gravel/Conglomerate
68 92 Sandstone/Gravel/Conglomerate
242 274 Shale/Mudstone/Siltstone

Casing Perforations:
Top Bottom
0 294

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9/11/23 7:59 AM



Legend

Site Location

O Well - USGS

500 Ft Radius

☐ 1000 Ft Radius ☐ 0.5 Mi Radius

Figure 5

USGS Well Proximity Map Goodnight Midstream Permian, LLC COP Yeah Yeah Line Break GPS: 32.372118, -103.432373 Lea County





Environmental & Safety Solutions, Inc.

Drafted: mag

Checked: jwl

Date:

9/11/23



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

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

Click for News Bulletins

Groundwater levels for the Nation

■ Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs site no list =

• 322231103262601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 322231103262601 22S.34E.23.23131

Available data for this site Groundwater: Field measurements GO

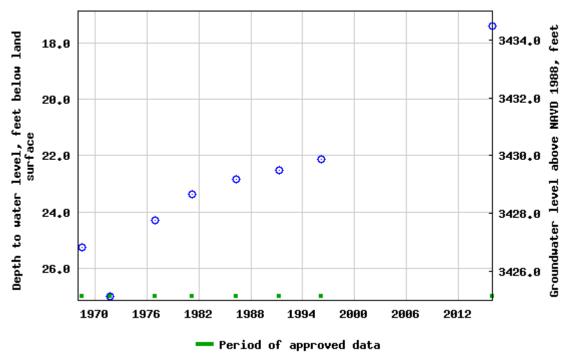
Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°22'47.6", Longitude 103°26'25.3" NAD83
Land-surface elevation 3,452 feet above NAVD88
The depth of the well is 60 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Other aquilers (199999011ER) hational aquilers. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

USGS 322231103262601 225.34E.23.23131



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

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U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels

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

Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2023-09-11 09:55:21 EDT

0.6 0.5 nadww01



Appendix B """Soil Profile Log



Soil Profile

Environmental & Safety Solutions, Inc.				Date:	11/8/2023
roject: COP Yeah Yeah		l atituda.	22 2722446	l a maiturda.	102 422272
roject Number:	18963	Latitude:	32.3723116	Longitude:	-103.432373
epth (ft. bgs)			Des	scription	
1					
2	Brown	Top Soil w/ Clay			
3					
4					
6					
7	Brown	Top Soil w/ Clay a	and Caliche		
8					
9					
10					
11					
12	Fat Rec	ldish Brown Clay			
13					
14					
15 16					
17					
18					
19					
20	TD				
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37					
38					
39					

Appendix C Laboratory Analytical Reports



September 18, 2023

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

RE: COP YEAH YEAH LINE BREAK

Enclosed are the results of analyses for samples received by the laboratory on 09/13/23 14:41.

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



09/12/2023

Dionica Hinojos

Analytical Results For:

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

A ... - I. ... - - I D. ... 311 /

Received: 09/13/2023 Reported: 09/18/2023

09/18/2023 Sampling Type: Soil
COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Project Name: COP YEAH YEAR Project Number: 18963

Project Location: RURAL LEA CO., NM

Sample ID: SP 1 @ 10' (H234950-01)

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	09/15/2023	ND	1.94	96.8	2.00	0.428	
Toluene*	<0.050	0.050	09/15/2023	ND	2.06	103	2.00	0.334	
Ethylbenzene*	<0.050	0.050	09/15/2023	ND	2.05	102	2.00	1.29	
Total Xylenes*	<0.150	0.150	09/15/2023	ND	6.04	101	6.00	2.07	
Total BTEX	<0.300	0.300	09/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 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	1200	16.0	09/14/2023	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	09/14/2023	ND	194	96.9	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	193	96.5	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 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:

Analyzed By: 1H /

Received: 09/13/2023 Reported:

Sampling Date: 09/12/2023 09/18/2023 Sampling Type: COP YEAH YEAH LINE BREAK

Project Name: Project Number: 18963

Project Location: RURAL LEA CO., NM

Soil Sampling Condition: Cool & Intact

Sample Received By:

Dionica Hinojos

Sample ID: SP 1 @ 13' (H234950-02)

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	09/15/2023	ND	1.94	96.8	2.00	0.428	
Toluene*	<0.050	0.050	09/15/2023	ND	2.06	103	2.00	0.334	
Ethylbenzene*	<0.050	0.050	09/15/2023	ND	2.05	102	2.00	1.29	
Total Xylenes*	<0.150	0.150	09/15/2023	ND	6.04	101	6.00	2.07	
Total BTEX	<0.300	0.300	09/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	848	16.0	09/14/2023	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	09/14/2023	ND	194	96.9	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	193	96.5	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 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: 09/13/2023

Sampling Date: 09/12/2023 09/18/2023 Sampling Type: Soil

Project Name: COP YEAH YEAH LINE BREAK Project Number: 18963

Project Location: RURAL LEA CO., NM Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: NH - 1 @ 4' (H234950-03)

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	09/15/2023	ND	1.94	96.8	2.00	0.428	
Toluene*	<0.050	0.050	09/15/2023	ND	2.06	103	2.00	0.334	
Ethylbenzene*	<0.050	0.050	09/15/2023	ND	2.05	102	2.00	1.29	
Total Xylenes*	<0.150	0.150	09/15/2023	ND	6.04	101	6.00	2.07	
Total BTEX	<0.300	0.300	09/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 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	368	16.0	09/14/2023	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	09/14/2023	ND	194	96.9	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	193	96.5	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					
Surrogate: 1-Chlorooctane	109 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 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: 09/13/2023 Reported: 09/18/2023 Sampling Date: 09/12/2023

Project Name:

Sampling Type: Soil COP YEAH YEAH LINE BREAK Sampling Condition:

Project Number: 18963

Cool & Intact Sample Received By: Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: NH - 1 @ 7' (H234950-04)

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	09/15/2023	ND	1.94	96.8	2.00	0.428	
Toluene*	<0.050	0.050	09/15/2023	ND	2.06	103	2.00	0.334	
Ethylbenzene*	<0.050	0.050	09/15/2023	ND	2.05	102	2.00	1.29	
Total Xylenes*	<0.150	0.150	09/15/2023	ND	6.04	101	6.00	2.07	
Total BTEX	<0.300	0.300	09/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 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	512	16.0	09/14/2023	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	09/14/2023	ND	194	96.9	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	193	96.5	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 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:

Analyzed By: 1H /

Received: 09/13/2023 Reported: 09/18/2023 Sampling Date: 09/12/2023

Project Name: COP YEAH YEAH LINE BREAK

Sampling Type: Soil
Sampling Condition: Cool & Intact

Project Number: 18963

Sample Received By: Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: EH - 1 @ 4' (H234950-05)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2023	ND	1.94	96.8	2.00	0.428	
Toluene*	<0.050	0.050	09/15/2023	ND	2.06	103	2.00	0.334	
Ethylbenzene*	<0.050	0.050	09/15/2023	ND	2.05	102	2.00	1.29	
Total Xylenes*	<0.150	0.150	09/15/2023	ND	6.04	101	6.00	2.07	
Total BTEX	<0.300	0.300	09/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	176	16.0	09/14/2023	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	194	96.9	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	193	96.5	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 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: 1H /

Received: 09/13/2023 Reported: 09/18/2023 Sampling Date: 09/12/2023 Sampling Type: Soil

Project Name: COP YEAH YEAH LINE BREAK

Sampling Condition: Cool & Intact

Project Number: 18963

Sample Received By: Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: EH - 1 @ 8' (H234950-06)

RTFY 8021R

B1EX 8021B	тд/кд		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2023	ND	1.94	96.8	2.00	0.428	
Toluene*	<0.050	0.050	09/15/2023	ND	2.06	103	2.00	0.334	
Ethylbenzene*	<0.050	0.050	09/15/2023	ND	2.05	102	2.00	1.29	
Total Xylenes*	<0.150	0.150	09/15/2023	ND	6.04	101	6.00	2.07	
Total BTEX	<0.300	0.300	09/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 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	144	16.0	09/14/2023	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	194	96.9	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	193	96.5	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					
Surrogate: 1-Chlorooctane	111 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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09/12/2023

Dionica Hinojos

Analytical Results For:

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

Received: 09/13/2023 Reported: 09/18/2023

09/18/2023 Sampling Type: Soil
COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Project Name: COP YI
Project Number: 18963

Project Location: RURAL LEA CO., NM

Sample ID: SH - 1 @ 5' (H234950-07)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2023	ND	1.94	96.8	2.00	0.428	
Toluene*	<0.050	0.050	09/15/2023	ND	2.06	103	2.00	0.334	
Ethylbenzene*	<0.050	0.050	09/15/2023	ND	2.05	102	2.00	1.29	
Total Xylenes*	<0.150	0.150	09/15/2023	ND	6.04	101	6.00	2.07	
Total BTEX	<0.300	0.300	09/15/2023	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	640	16.0	09/14/2023	ND	432	108	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2023	ND	194	96.9	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	193	96.5	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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09/12/2023

Cool & Intact

Dionica Hinojos

Soil

Analytical Results For:

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

Sampling Date:

Sample Received By:

Received: 09/13/2023 Reported: 09/18/2023

09/18/2023 Sampling Type:
COP YEAH YEAH LINE BREAK Sampling Condition:

Analyzed By: JH/

Project Name: COP YI
Project Number: 18963

Project Location: RURAL LEA CO., NM

mg/kg

Sample ID: SH - 1 @ 7' (H234950-08)

BTEX 8021B

EXT DRO >C28-C36

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2023	ND	1.94	96.8	2.00	0.428	
Toluene*	<0.050	0.050	09/15/2023	ND	2.06	103	2.00	0.334	
Ethylbenzene*	<0.050	0.050	09/15/2023	ND	2.05	102	2.00	1.29	
Total Xylenes*	<0.150	0.150	09/15/2023	ND	6.04	101	6.00	2.07	
Total BTEX	<0.300	0.300	09/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Chloride, SM4500CI-B Analyte	mg ,	Reporting Limit	Analyze Analyzed	d By: AC Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
			<u> </u>		BS 432	% Recovery	True Value QC	RPD 3.77	Qualifier
Analyte	Result	Reporting Limit	Analyzed 09/14/2023	Method Blank		,	·		Qualifier
Analyte Chloride	Result	Reporting Limit	Analyzed 09/14/2023	Method Blank		,	·		Qualifier Qualifier
Analyte Chloride TPH 8015M	Result 1540 mg/	Reporting Limit 16.0	Analyzed 09/14/2023 Analyze	Method Blank ND d By: MS	432	108	400	3.77	

ND

09/14/2023

Surrogate: 1-Chlorooctane 111 % 48.2-134
Surrogate: 1-Chlorooctadecane 124 % 49.1-148

<10.0

10.0

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Analytical Results For:

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

Analyzed By: 1H /

Received: 09/13/2023 Reported: 09/18/2023 Sampling Date: 09/12/2023 Sampling Type: Soil

Project Name:

COP YEAH YEAH LINE BREAK

Sampling Condition: Cool & Intact

Project Number:

RTFY 8021R

18963

Sample Received By:

Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: WH - 1 @ 4' (H234950-09)

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	09/15/2023	ND	1.94	96.8	2.00	0.428	
Toluene*	<0.050	0.050	09/15/2023	ND	2.06	103	2.00	0.334	
Ethylbenzene*	<0.050	0.050	09/15/2023	ND	2.05	102	2.00	1.29	
Total Xylenes*	<0.150	0.150	09/15/2023	ND	6.04	101	6.00	2.07	
Total BTEX	<0.300	0.300	09/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	144	16.0	09/14/2023	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	09/14/2023	ND	194	96.9	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	193	96.5	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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Celey D. Kreine



Dionica Hinojos

Analytical Results For:

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

Received: 09/13/2023 Reported: 09/18/2023

09/13/2023Sampling Date:09/12/202309/18/2023Sampling Type:SoilCOP YEAH YEAH LINE BREAKSampling Condition:Cool & Intact

Sample Received By:

Project Name: COP YEA Project Number: 18963

Project Location: RURAL LEA CO., NM

Sample ID: WH - 1 @ 6' (H234950-10)

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	09/15/2023	ND	1.94	96.8	2.00	0.428	
Toluene*	<0.050	0.050	09/15/2023	ND	2.06	103	2.00	0.334	
Ethylbenzene*	<0.050	0.050	09/15/2023	ND	2.05	102	2.00	1.29	
Total Xylenes*	<0.150	0.150	09/15/2023	ND	6.04	101	6.00	2.07	
Total BTEX	<0.300	0.300	09/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	144	16.0	09/14/2023	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	09/14/2023	ND	194	96.9	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	193	96.5	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					
Surrogate: 1-Chlorooctane	124	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135	% 49.1-14	8						

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Analytical Results For:

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

Received: 09/13/2023

Sampling Date: 09/12/2023

Reported: 09/18/2023 Project Name: COP YEAH YEAH LINE BREAK Sampling Type: Soil

Project Number: 18963 Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: WH - 1 @ 8' (H234950-11)

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	09/15/2023	ND	1.94	96.8	2.00	0.428	
Toluene*	<0.050	0.050	09/15/2023	ND	2.06	103	2.00	0.334	
Ethylbenzene*	<0.050	0.050	09/15/2023	ND	2.05	102	2.00	1.29	
Total Xylenes*	<0.150	0.150	09/15/2023	ND	6.04	101	6.00	2.07	
Total BTEX	<0.300	0.300	09/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 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	80.0	16.0	09/14/2023	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	09/14/2023	ND	194	96.9	200	2.42	
DRO >C10-C28*	<10.0	10.0	09/14/2023	ND	193	96.5	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	09/14/2023	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

Revision 1.0 FORM-006

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

6	(575) 393-2326 FAX (575) 393-2476	6	8/11	70			ANALYSIS		REQUEST
Company Name: Etech Er	Etech Environmental & Safety Solutions, Inc.		!		-		-		
Project Manager: Joe	LOWIN /		7.0.#	Consent Control of Section (1997)	_	- 1		_	
Address: 2617 West Marland	-		Company (2000	nichat	_			_	
City: Hobbs	State: NM Z	Zip: 88240	Attn:	Special State Advant St. Albert					
Phone #: (575) 264-9884	Fax #:		Address:	Table Section Section 1					
	Project Owner:	Goodwald	City:	Model of the depth of the second	_	۸)	В)		_
T	h Year line Brea	K .	State: Zip:	1 Selection 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ide	15N	021		
Project Location:	10 CO. UM		Phone #:	13101	ler	(80	K (8		
Sampler Name:	-		Fax #:	FEW ARTS	Cł	PH	TE		
Sampler Name: OUC	I - MI	MATRIX	ESERV.	SAMPLING		Т	B		
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0 1-11 M 3	III	-	~> ~>	54:1 52.27	X	*	XX		
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analyses. All claims including those for inegrig service. In no event shall Cardinal be liable for	nalyses. All claims including those for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits included by client, as subsequently consequently and the subsequently of the above stated reasons or otherwise enice. In no event shall Cardinal be liable for incidental or consequently advantage, including without limitation, business interruptions, loss of use, or loss of profits included by client, as subsequently and the above stated reasons or otherwise enice.	, including without limitation, business interruptions, ander by Cardinal, regardless of whether such claim	n is based upon any of the ab	ove stated reasons or otherw	ise.			Phone #	
affiliates or successors arising out of or related to this performance. Relinquished By:	Date: 9/13/U	Received By:	>	Phone Result: Fax Result: REMARKS:	alt:	□ Yes	O No	Add'l Fax #:	
Relinquished By:	Date:	Received By:	-						
	Time:			Please e	email	сору с	mail copy of COC and results to pm@etechenv.com.	Its to pm	1@etechenv.c
Delivered By: (Circle One)	One)	Sample Condition Cool Intact	tion CHECKED BY:	s)	2	100			
Sampler - UPS - Bus - 0	Other:	☐ Yes ☐ Yes ☐ No ☐ No		1	dic	#	061# 22		

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Date: Time:

Received By:

14:41

Time:

Date: 9/13/95

rdinal, regardless of whether such claim is based Received By:

Phone Result: Fax Result: REMARKS:

☐ Yes

□ No

Add'l Phone #: Add'l Fax #:

Sampler - UPS - Bus - Other:

Revision 1.0 FORM-006 Delivered By: (Circle One)

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paid by the client for the

ages. Cardinal's liability and client's exclusive remedy for any claim

ompany Name:		1	ARI	T
ompany Name: Etech Environmental & Safety Solutions, Inc	(575) 393-2326 FAX (575) 393-2476	101 East Marland, Hobbs, NM 88240	ARDINAL LABORATORIES	
Inc	ı			

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		. 200		
Company Name: Etech Environmental & Safety Solutions, Inc.	BILL TO		ANALY	ANALYSIS REQUEST
Project Manager: Joe/ Lowry	P.O.#:		100	
Address: 2617 West Marland	Company (7600/ntsk)	-		
City: Hobbs State: NM Zip: 88240	Attn:			
Phone #: (575) 264-9884 Fax #:	Address:	-		
Project #: 19663 Project Owner: (700/6/96)	City:	1)	-	
Project Name: BO YAL YOLK I'M BOOK	State: Zip:	ide	021	
Project Location: Rynny Like Cd., NM	Phone #:	lor (80		
3	Fax#:	_		
900	PRESERV. SAMPLING	_	_	
C)OMP.		-		
G)RAB OR (0 # CONTAINE GROUNDWA WASTEWATE SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: DATE TIME			

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 Sample Condition
Cool Intact
Yes Yes
No No

CHECKED BY: (Initials)

36h

中一々り

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

Page 15 of 15



September 22, 2023

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

RE: COP YEAH YEAH LINE BREAK

Enclosed are the results of analyses for samples received by the laboratory on 09/20/23 16:43.

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.

Wite Sough

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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



09/19/2023

Soil

Analytical Results For:

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

A ... - L ... - - - I D. .. MC

Sampling Date:

Received: 09/20/2023 Reported: 09/22/2023

Reported: 09/22/2023 Sampling Type:
Project Name: COP YEAH YEAH LINE BREAK Sampling Condition:

Project Name: COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact
Project Number: 18963 Sample Received By: Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: SP - 1 B @ 10' (H235117-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/22/2023	ND	2.01	101	2.00	2.09	
Toluene*	<0.050	0.050	09/22/2023	ND	2.08	104	2.00	2.58	
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.07	103	2.00	2.11	
Total Xylenes*	<0.150	0.150	09/22/2023	ND	6.27	105	6.00	1.88	
Total BTEX	<0.300	0.300	09/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	2480	16.0	09/21/2023	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	09/21/2023	ND	213	106	200	6.05	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Me Sough



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY

2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/20/2023 Sampling Date: 09/19/2023

Reported: 09/22/2023 Sampling Type: Soil

Project Name: COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact
Project Number: 18963 Sample Received By: Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: SP - 1 B @ 12' (H235117-02)

Chloride, SM4500CI-B mg/kg Analyzed By: AC

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

Chloride 976 16.0 09/21/2023 ND 432 108 400 0.00

Sample ID: SP - 1 B @ 14' (H235117-03)

Chloride, SM4500Cl-B Analyzed By: AC BS True Value QC RPD Analyte Result Reporting Limit Analyzed Method Blank Qualifier % Recovery **752** 16.0 09/21/2023 432 400 0.00 Chloride ND 108

Sample ID: SP - 1 B @ 16' (H235117-04)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 560 09/21/2023 ND 400 0.00 16.0 432 108

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

Me South



Analytical Results For:

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

Fax To:

Received: 09/20/2023 Sampling Date: 09/19/2023

Reported: 09/22/2023 Sampling Type: Soil

Project Name: COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact Project Number: 18963 Sample Received By: Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: SP - 2 @ 10' (H235117-05)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/22/2023	ND	2.01	101	2.00	2.09	
Toluene*	<0.050	0.050	09/22/2023	ND	2.08	104	2.00	2.58	
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.07	103	2.00	2.11	
Total Xylenes*	<0.150	0.150	09/22/2023	ND	6.27	105	6.00	1.88	
Total BTEX	<0.300	0.300	09/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	9200	16.0	09/21/2023	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	09/21/2023	ND	213	106	200	6.05	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					
Surrogate: 1-Chlorooctane	94.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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wite South



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND

HOBBS NM, 88240

Fax To:

Received: 09/20/2023 Sampling Date: 09/19/2023

Reported: 09/22/2023 Sampling Type: Soil
Project Name: COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact

Project Number: 18963 Sample Received By: Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: SP - 2 @ 12' (H235117-06)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 352 09/21/2023 432 400 0.00 16.0 ND 108

Sample ID: SP - 2 @ 14' (H235117-07)

Chloride, SM4500Cl-B Analyzed By: AC Reporting Limit BS True Value QC RPD Analyte Result Analyzed Method Blank Qualifier % Recovery 464 16.0 09/21/2023 432 400 0.00 Chloride ND 108

Sample ID: SP - 2 @ 16' (H235117-08)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 640 09/21/2023 ND 400 0.00 16.0 432 108

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MM Sough



Dionica Hinojos

Analytical Results For:

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

Fax To:

Received: 09/20/2023 Sampling Date: 09/19/2023
Reported: 09/22/2023 Sampling Type: Soil

Project Name: COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact

Project Number: 18963 Sample Received By:
Project Location: RURAL LEA CO., NM

Sample ID: SP - 3 @ 10' (H235117-09)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/22/2023	ND	2.01	101	2.00	2.09	
Toluene*	<0.050	0.050	09/22/2023	ND	2.08	104	2.00	2.58	
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.07	103	2.00	2.11	
Total Xylenes*	<0.150	0.150	09/22/2023	ND	6.27	105	6.00	1.88	
Total BTEX	<0.300	0.300	09/22/2023	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	2480	16.0	09/21/2023	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	09/21/2023	ND	213	106	200	6.05	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					
Surrogate: 1-Chlorooctane	87.7	% 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: 09/20/2023 Reported: 09/22/2023

09/22/2023 COP YEAH YEAH LINE BREAK

Project Name: COP YI
Project Number: 18963

Project Location: RURAL LEA CO., NM

432

16.0

Sampling Date: 09/19/2023

Sampling Type: Soil

108

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

400

0.00

Sample ID: SP - 3 @ 12' (H235117-10)

Chloride, SM4500CI-B	mg	mg/kg		ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	09/21/2023	ND	432	108	400	0.00	
Sample ID: SP - 3 @ 14'	(H235117-11)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Sample ID: NH 1 B @ 2' (H235117-12)

Chloride

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/21/2023	ND	432	108	400	0.00	

ND

432

09/21/2023

Sample ID: NH 1 B @ 4' (H235117-13)

Chloride, SM4500Cl-B	mg/kg			Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/21/2023	ND	432	108	400	0.00	

Sample ID: NH 2 @ 2' (H235117-14)

Chloride, SM4500Cl-B	600CI-B mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/21/2023	ND	432	108	400	0.00	

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09/19/2023

Dionica Hinojos

Analytical Results For:

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

Fax To:

Received: 09/20/2023 Reported: 09/22/2023

09/22/2023 Sampling Type: Soil
COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Project Number: 18963

Project Location: RURAL LEA CO., NM

Sample ID: NH 2 @ 4' (H235117-15)

Project Name:

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/21/2023	ND	432	108	400	0.00	
Sample ID: NH 3 @ 2' (H	235117-16)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/21/2023	ND	432	108	400	0.00	
Sample ID: NH 3 @ 4' (H	235117-17)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/21/2023	ND	432	108	400	0.00	
Sample ID: WH 1 @ 10' (H235117-18))							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/21/2023	ND	432	108	400	0.00	
Sample ID: SH 1 @ 6' (H2	235117-19)								
Chloride, SM4500Cl-B	•	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Cardinal Laboratories *=Accredited Analyte

ND

432

108

400

0.00

09/21/2023

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Mile Sough

Chloride

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

176

16.0



Analytical Results For:

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

Fax To:

Received: 09/20/2023 Reported: 09/22/2023

COP YEAH YEAH LINE BREAK

Project Name: COP YI Project Number: 18963

Project Location: RURAL LEA CO., NM

Sampling Date: 09/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: SH 1 @ 8' (H235117-20)

Chloride, SM4500CI-B	mg	mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	09/21/2023	ND	432	108	400	0.00	
Sample ID: SH 1 @ 10' (H235117-21)								
Chloride, SM4500Cl-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	09/21/2023	ND	432	108	400	0.00	
Sample ID: SH 1 B @ 2' ((H235117-22))							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	09/21/2023	ND	432	108	400	0.00	
Sample ID: SH 1 B @ 4' ((H235117-23))							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/21/2023	ND	432	108	400	0.00	
Sample ID: SH 1 B @ 6' ((H235117-24))							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/21/2023	ND	432	108	400	0.00	

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Me Sough



Analytical Results For:

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

Fax To:

Received: 09/20/2023 Reported: 09/22/2023

COP YEAH YEAH LINE BREAK

Project Name: COP YI
Project Number: 18963

Project Location: RURAL LEA CO., NM

Sampling Date: 09/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: SH 1 B @ 8' R (H235117-25)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	09/21/2023	ND	432	108	400	0.00	
Sample ID: SH 2 @ 2' (H23	35117-26)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	09/21/2023	ND	432	108	400	0.00	
Sample ID: SH 2 @ 4' (H23	35117-27)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/21/2023	ND	432	108	400	0.00	
Sample ID: SH 3 @ 2' (H23	35117-28)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/21/2023	ND	432	108	400	0.00	
Sample ID: SH 3 @ 4' (H23	35117-29)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	09/21/2023	ND	432	108	400	0.00	

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whe South



Analytical Results For:

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

Fax To:

Received: 09/20/2023 Reported: 09/22/2023 Sampling Date: 09/19/2023 Sampling Type: Soil

Reported:
Project Name:

COP YEAH YEAH LINE BREAK

Sampling Condition: Cool & Intact

Project Number: 18963

Sample Received By:

Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: SH 3 @ 6' (H235117-30)

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

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

Chloride 256 16.0 09/21/2023 ND 432 108 400 0.00

Sample ID: SH 3 @ 8' (H235117-31)

Chloride, SM4500Cl-B Analyzed By: AC mg/kg BS True Value QC RPD Analyte Result Reporting Limit Analyzed Method Blank Qualifier % Recovery 240 16.0 09/21/2023 432 400 0.00 Chloride ND 108

Sample ID: SH 3 @ 10' (H235117-32)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 240 09/21/2023 ND 400 0.00 16.0 432 108

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Mile Sough

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

Page 11 of 33



Analytical Results For:

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

Fax To:

Received: 09/20/2023 Sampling Date: 09/19/2023

Reported: 09/22/2023 Sampling Type: Soil

Project Name: COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact
Project Number: 18963 Sample Received By: Dionica Hinojos

Analyzed By: MS

Project Location: RURAL LEA CO., NM

mg/kg

Sample ID: WSW - 1 @ 0-4' (H235117-33)

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	09/22/2023	ND	2.01	101	2.00	2.09	
Toluene*	<0.050	0.050	09/22/2023	ND	2.08	104	2.00	2.58	
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.07	103	2.00	2.11	
Total Xylenes*	<0.150	0.150	09/22/2023	ND	6.27	105	6.00	1.88	
Total BTEX	<0.300	0.300	09/22/2023	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	1920	16.0	09/21/2023	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	09/21/2023	ND	213	106	200	6.05	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					
Surrogate: 1-Chlorooctane	84.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.6	% 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: 09/20/2023 Sampling Date: 09/19/2023
Reported: 09/22/2023 Sampling Type: Soil

Project Name: COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact
Project Number: 18963 Sample Received By: Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: WSW - 1 @ 4' - F (H235117-34)

Benzene*	BTEX 8021B	mg	/kg	Analyze	d By: MS					
Toluene* < 0.050 0.050 09/22/2023 ND 2.08 104 2.00 Ethylbenzene* < 0.050 0.050 09/22/2023 ND 2.07 103 2.00 Total Xylenes* < 0.150 0.150 09/22/2023 ND 6.27 105 6.00 Total BTEX < 0.300 0.300 09/22/2023 ND 6.27 105 6.00 Surrogate: 4-Bromofluorobenzene (PID 108 % 71.5-134 Chloride, SM4500Cl-B mg/kg Analyzed By: AC Chloride 4560 16.0 09/21/2023 ND 432 108 400 The B015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC GRO C6-C10* < 10.0 10.0 09/21/2023 ND 213 106 200 DRO >C10-C28* < 10.0 10.0 09/21/2023 ND 220 110 200 EXT DRO >C28-C36 < 10.0 10.0 09/21/2023 ND 220 110 200 EXTrogate: 1-Chlorooctane 91.2 % 48.2-134	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* <0.050 0.050 09/22/2023 ND 2.07 103 2.00 Total Xylenes* <0.150 0.150 09/22/2023 ND 6.27 105 6.00 Total BTEX <0.300 0.300 09/22/2023 ND Surrogate: 4-Bromofluorobenzene (PID 108 % 71.5-134 Chloride, SM4500Cl-B mg/ky Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC Chloride 4560 16.0 09/21/2023 ND 432 108 400 TPH 8015M mg/ky Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC GRO C6-C10* <10.0 10.0 09/21/2023 ND 213 106 200 DRO >C10-C28* <10.0 10.0 09/21/2023 ND 220 110 200 EXT DRO >C28-C36 <10.0 10.0 09/21/2023 ND Surrogate: 1-Chlorooctane 91.2 % 48.2-134	Benzene*	<0.050	0.050	09/22/2023	ND	2.01	101	2.00	2.09	
Total Xylenes* <0.150 0.150 09/22/2023 ND 6.27 105 6.00 Total BTEX <0.300										

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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:

Received: 09/20/2023 Sampling Date: 09/19/2023

Reported: 09/22/2023 Sampling Type: Soil
Project Name: COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact

Project Number: 18963

Project Location: RURAL LEA CO., NM

Sample ID: SSW - 1 @ 0-4' (H235117-35)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/22/2023	ND	2.01	101	2.00	2.09	
Toluene*	<0.050	0.050	09/22/2023	ND	2.08	104	2.00	2.58	
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.07	103	2.00	2.11	
Total Xylenes*	<0.150	0.150	09/22/2023	ND	6.27	105	6.00	1.88	
Total BTEX	<0.300	0.300	09/22/2023	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	1440	16.0	09/21/2023	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	09/21/2023	ND	213	106	200	6.05	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					
Surrogate: 1-Chlorooctane	87.1	% 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:

Applyzod By: MC

Received: 09/20/2023 Reported: 09/22/2023 Sampling Date: 09/19/2023 Sampling Type: Soil

Project Name:

RTFY 8021R

COP YEAH YEAH LINE BREAK

Sampling Condition: Cool & Intact

Project Number: 18963

Sample Received By:

Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: SSW - 1 @ 4' - F (H235117-36)

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/22/2023	ND	2.01	101	2.00	2.09	
Toluene*	<0.050	0.050	09/22/2023	ND	2.08	104	2.00	2.58	
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.07	103	2.00	2.11	
Total Xylenes*	<0.150	0.150	09/22/2023	ND	6.27	105	6.00	1.88	
Total BTEX	<0.300	0.300	09/22/2023	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	5900	16.0	09/21/2023	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	09/21/2023	ND	213	106	200	6.05	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					
Surrogate: 1-Chlorooctane	87.4	% 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: 09/20/2023 Sampling Date: 09/19/2023

Reported: 09/22/2023 Sampling Type: Soil

Project Name: COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact
Project Number: 18963 Sample Received By: Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: SSW - 2 @ 0-4' (H235117-37)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/22/2023	ND	2.04	102	2.00	1.15	
Toluene*	<0.050	0.050	09/22/2023	ND	2.12	106	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/22/2023	ND	2.11	105	2.00	1.33	
Total Xylenes*	<0.150	0.150	09/22/2023	ND	6.41	107	6.00	0.824	
Total BTEX	<0.300	0.300	09/22/2023	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	160	16.0	09/21/2023	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	09/21/2023	ND	213	106	200	6.05	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					
Surrogate: 1-Chlorooctane	77.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.3	% 49.1-14	8						

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Mile South



Dionica Hinojos

Sample Received By:

Analytical Results For:

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

Fax To:

Received: 09/20/2023 Sampling Date: 09/19/2023

Reported: 09/22/2023 Sampling Type: Soil
Project Name: COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact

Project Number: 18963

Project Location: RURAL LEA CO., NM

Sample ID: SSW - 2 @ 4' - F (H235117-38)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2023	ND	2.04	102	2.00	1.15	
Toluene*	<0.050	0.050	09/21/2023	ND	2.12	106	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.11	105	2.00	1.33	
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.41	107	6.00	0.824	
Total BTEX	<0.300	0.300	09/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	1880	16.0	09/21/2023	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	09/21/2023	ND	213	106	200	6.05	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					
Surrogate: 1-Chlorooctane	89.7	% 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: 09/20/2023 Reported: 09/22/2023 Sampling Date: 09/19/2023 Sampling Type: Soil

Project Name:

COP YEAH YEAH LINE BREAK

Sampling Condition: Cool & Intact

Project Number: 18963 Sample Received By:

Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: SSW - 3 @ 0-4' (H235117-39)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2023	ND	2.04	102	2.00	1.15	
Toluene*	<0.050	0.050	09/21/2023	ND	2.12	106	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.11	105	2.00	1.33	
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.41	107	6.00	0.824	
Total BTEX	<0.300	0.300	09/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	384	16.0	09/21/2023	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	09/21/2023	ND	213	106	200	6.05	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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

Page 18 of 33



Analytical Results For:

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

Fax To:

Received: 09/20/2023 Sampling Date: 09/19/2023

Reported: 09/22/2023 Sampling Type: Soil

Project Name: COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact
Project Number: 18963 Sample Received By: Dionica Hinojos

Applyzod By: MC

Project Location: RURAL LEA CO., NM

Sample ID: SSW - 3 @ 4' - F (H235117-40)

RTFY 8021R

B1EX 8021B	mg,	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2023	ND	2.04	102	2.00	1.15	
Toluene*	<0.050	0.050	09/21/2023	ND	2.12	106	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.11	105	2.00	1.33	
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.41	107	6.00	0.824	
Total BTEX	<0.300	0.300	09/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	9800	16.0	09/21/2023	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	09/21/2023	ND	213	106	200	6.05	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					
Surrogate: 1-Chlorooctane	89.7	% 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: 09/20/2023 Sampling Date: 09/19/2023

Reported: 09/22/2023 Sampling Type: Soil

Project Name: COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact
Project Number: 18963 Sample Received By: Dionica Hinojos

Applyzod By: MC

Project Location: RURAL LEA CO., NM

Sample ID: NSW - 1 @ 0-4' (H235117-41)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2023	ND	2.04	102	2.00	1.15	
Toluene*	<0.050	0.050	09/21/2023	ND	2.12	106	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.11	105	2.00	1.33	
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.41	107	6.00	0.824	
Total BTEX	<0.300	0.300	09/21/2023	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	2080	16.0	09/21/2023	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	09/22/2023	ND	213	106	200	6.05	
DRO >C10-C28*	15.7	10.0	09/22/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	09/22/2023	ND					
Surrogate: 1-Chlorooctane	81.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.0	% 49.1-14	8						

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Me Sough



Cool & Intact

Dionica Hinojos

Sampling Condition:

Sample Received By:

Analytical Results For:

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

Fax To:

COP YEAH YEAH LINE BREAK

Received: 09/20/2023 Sampling Date: 09/19/2023

Reported: 09/22/2023 Sampling Type: Soil

Project Number: 18963

Project Name:

Project Location: RURAL LEA CO., NM

Sample ID: NSW - 1 @ 4' - F (H235117-42)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2023	ND	2.04	102	2.00	1.15	
Toluene*	<0.050	0.050	09/21/2023	ND	2.12	106	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.11	105	2.00	1.33	
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.41	107	6.00	0.824	
Total BTEX	<0.300	0.300	09/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 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	13800	16.0	09/21/2023	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*	12.6	10.0	09/21/2023	ND	213	106	200	6.05	
DRO >C10-C28*	382	10.0	09/21/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	65.4	10.0	09/21/2023	ND					
Surrogate: 1-Chlorooctane	85.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.7	% 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: 09/20/2023 Sampling Date: 09/19/2023

Reported: 09/22/2023 Sampling Type: Soil

Project Name: COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact
Project Number: 18963 Sample Received By: Dionica Hinojos

Applyzod By: MC

Project Location: RURAL LEA CO., NM

Sample ID: NSW - 2 @ 0-4' (H235117-43)

RTFY 8021R

BIEX 8021B	mg,	кg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2023	ND	2.04	102	2.00	1.15	
Toluene*	<0.050	0.050	09/21/2023	ND	2.12	106	2.00	0.761	
Ethylbenzene*	< 0.050	0.050	09/21/2023	ND	2.11	105	2.00	1.33	
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.41	107	6.00	0.824	
Total BTEX	<0.300	0.300	09/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	1600	16.0	09/21/2023	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	09/21/2023	ND	213	106	200	6.05	
DRO >C10-C28*	71.3	10.0	09/21/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	31.4	10.0	09/21/2023	ND					
Surrogate: 1-Chlorooctane	65.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.1	% 49.1-14	8						

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Analytical Results For:

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

Applyzod By: MC

Fax To:

Received: 09/20/2023 Sampling Date: 09/19/2023

Reported: 09/22/2023 Sampling Type: Soil

Project Name: COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact
Project Number: 18963 Sample Received By: Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: NSW - 2 @ 4' - F (H235117-44)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2023	ND	2.04	102	2.00	1.15	
Toluene*	<0.050	0.050	09/21/2023	ND	2.12	106	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.11	105	2.00	1.33	
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.41	107	6.00	0.824	
Total BTEX	<0.300	0.300	09/21/2023	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	4640	16.0	09/21/2023	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	09/21/2023	ND	213	106	200	6.05	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					
Surrogate: 1-Chlorooctane	90.2	% 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: 09/20/2023 Reported: 09/22/2023 Sampling Date: 09/19/2023 Sampling Type: Soil

Project Name: COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact

Project Number: 18963 Sample Received By: Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: NSW - 3 @ 0-4' (H235117-45)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2023	ND	2.04	102	2.00	1.15	
Toluene*	<0.050	0.050	09/21/2023	ND	2.12	106	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.11	105	2.00	1.33	
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.41	107	6.00	0.824	
Total BTEX	<0.300	0.300	09/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	336	16.0	09/21/2023	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	09/21/2023	ND	213	106	200	6.05	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					
Surrogate: 1-Chlorooctane	75.0	% 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:

Received: 09/20/2023 Sampling Date: 09/19/2023

Reported: 09/22/2023 Sampling Type: Soil

Project Name: COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact Project Number: 18963 Sample Received By: Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: NSW - 3 @ 4' - F (H235117-46)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2023	ND	2.04	102	2.00	1.15	
Toluene*	<0.050	0.050	09/21/2023	ND	2.12	106	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.11	105	2.00	1.33	
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.41	107	6.00	0.824	
Total BTEX	<0.300	0.300	09/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	10400	16.0	09/21/2023	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	09/21/2023	ND	213	106	200	6.05	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					
Surrogate: 1-Chlorooctane	84.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 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: 09/20/2023 Reported: 09/22/2023 Sampling Date: 09/19/2023 Sampling Type: Soil

Project Name:

Sampling Condition: Cool & Intact Dionica Hinojos

Project Number: 18963 Sample Received By:

Project Location: RURAL LEA CO., NM

COP YEAH YEAH LINE BREAK

Sample ID: ESW @ 0-4' (H235117-47)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2023	ND	2.04	102	2.00	1.15	
Toluene*	<0.050	0.050	09/21/2023	ND	2.12	106	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.11	105	2.00	1.33	
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.41	107	6.00	0.824	
Total BTEX	<0.300	0.300	09/21/2023	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	752	16.0	09/21/2023	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	09/21/2023	ND	213	106	200	6.05	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					
Surrogate: 1-Chlorooctane	75.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.7	% 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:

Applyzod By: MC

Received: 09/20/2023 Reported: 09/22/2023 Sampling Date: 09/19/2023 Sampling Type: Soil

Project Name: COP YEAH YEAH LINE BREAK
Project Number: 18963

Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: ESW @ 4' - F (H235117-48)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2023	ND	2.04	102	2.00	1.15	
Toluene*	<0.050	0.050	09/21/2023	ND	2.12	106	2.00	0.761	
Ethylbenzene*	<0.050	0.050	09/21/2023	ND	2.11	105	2.00	1.33	
Total Xylenes*	<0.150	0.150	09/21/2023	ND	6.41	107	6.00	0.824	
Total BTEX	<0.300	0.300	09/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	2160	16.0	09/21/2023	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	09/21/2023	ND	213	106	200	6.05	
DRO >C10-C28*	<10.0	10.0	09/21/2023	ND	220	110	200	6.05	
EXT DRO >C28-C36	<10.0	10.0	09/21/2023	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 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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company Name: Etech Environmental					BILL	10	-				ANALYSI	ANALYSIS REQUEST
Project Manager: Joel Lowry			P.	P.O. #:	en-rectan	17.61.11		\dashv	\dashv	\dashv		
Address: 2617 W Marland Blvd			C	Company:		Goodnight Midstream Permian LLC	eam Permian,		1		1	
City: Hobbs State: NM	Zip:	100	88240 At	Attn: Ad	Adrian Urquidi	ipint	E M	1	1	,	2 - 1	
hone #: 575-396-2378 Fax #: 575-396-1429				Address:		OF STATES FOR	, this let to					
Project #: 18963 Project Owner:		F	Permian, LLC Ci	City:	7 a-	20 0 2 1 2 1 1 1 1 1 0 0					The state of the s	
Project Name: COP Yeah Yeah Line Break			St	State:	Z	Zip:	STOP STEEL	5 F4			Who who	
Project Location: UL/ P Sec 23 T22S - R34E 2ural	2		La PH	Phone #:	-		2000	1	- 1	-	- 1	
sampler Name: Joel Lowry	Y			Fax #:								
FOR LAB USE ONLY	IP.		MATRIX	PRESERV.	ERV.	SAMPLING	G		0 1			
	(C)ON			-	2				21			
Sample I.D.	(G)RAB OR	# CONTAIN	GROUNDW WASTEWA SOIL OIL SLUDGE OTHER:	ACID/BASE	OTHER:	DATE	Chloride	трн	BTEX 80	BIEX 80	- 1 De-e	
SP - 1B @ 10'	G	_	×	×		9/19/23	×	×		×	-	
2 SP - 1B @ 12'	G	_	×	×	Z.	9/19/23	×	^				
SP-1B@14'	G	_	×	×		9/19/23	×	_				
SP - 1B @ 16'	G	_	×	×		9/19/23	×	^				
5 SP-2@10'	G	_	×	×		9/19/23	×	×	×	^		
© SP-2@12'	G	_	×	×	-	9/19/23	×	_	_	*		
_	G	_	×	×		9/19/23	×					
SP-2@16'	G	_	×	×		9/19/23	×					
	G	_	×	×	-	9/19/23	×	×	×	_	201	
(D SP - 3 @ 12'	G	1	×	×	9	9/19/23	×		7		10 / TES	
LASE KOITE: (Jability and Damages, Cardina's liability and dient's exclusive remedy for any daim arising whether based in contract or tort, shall be limited to the amount paid by the client for the alyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable rice. In no event shall Cardinal be liable for incidental or consequentle alleanages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, limited or successors adding out of or related to the medicinance of services however the control consequence of the control of the	ny daim leemed without	waived limitati	e remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid overer shall be deemed waived unless made in writing and received by Cardinal within 30 days after ages, including without limitation, business interruptions, toss of use, or loss of profits incurred by claims.	shall be limited by Cardiuse, or loss	ited to the a nal within 3 of profits in	amount paid by to 0 days after con curred by client	I be limited to the amount paid by the client for the y Cardinal within 30 days after completion of the applic or loss of profits incurred by client, its subsidiaries,	able				
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Time: 6-43		1				7	REMARKS:		SS	□ No	Add'I Fax #: PM@etechenv.com	lenv.com
1 1		celv	Received By:									
Time:												
Delivered By: (Circle One)	1.		Sample Condition	유	CHECKED BY:	BY:						
ampler - UPS - Bus - Other:	771#	0	Yes Yes		*							

Page 29 of 33

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name:	Etech Environmental	(070) 393-24	19		1	1	┙		-	B	BILL TO		1				ANAL YSIS	REQUEST
Project Manager:	Joel Lowry			10 cen				P.O.	#		27.814		\dashv	_	4	4		
Address: 2617 W	2617 W Marland Blvd					3.5		Com	Company:	ıy:	Goodnight Midstream Permian LLC	eam Permian,						
City: Hobbs	State:	e: NM	Zip:	00	88240) (k - 5		Attn	A	drian	Attn: Adrian Urquidi	A Company	-	The contract	, i	-		
Phone #: 575-396-2378	6-2378 Fax #:	#: 575-396-1429						Add	Address:		The state of the s	P. P. S.	,c-					
Project #: 18963	Proj	Project Owner:	g	Pen	Permian, LLC	TC		City:			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100	-			200,10	124	
Project Name: CO	COP Yeah Yeah Line Break	eak						State:	e:	-	Zip:	0.0	1965		-		100	
Project Location:	UL/ P Sec 23 T22S - R34E	R34E (Cural	3	_	ea a			Pho	Phone #:	77*			-					
Sampler Name:		Joel Lowry						Fax #:	#						40.31	-102		
FOR LAB USE ONLY				Н		MATRIX		-	ŘES	PRESERV.	SAMPLING	ดิ	_		10.1	_		
H335117						_		142	277		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-40		era ere			
Lab I.D.	Sample I.D.). •	(G)RAB OR (C	# CONTAINER GROUNDWAT	WASTEWATE	SOIL OIL	SLUDGE	OTHER:	ACID/BASE: ICE / COOL	OTHER:	DATE	TIME	Chloride	TPH	BTEX 8021		See a de	
SP	SP - 3 @ 14'		G			×			_	×	9/19/23	_	×					
IN N	NH - 1B @ 2'		G			×			_	×	9/19/23		×					
	NH - 1B @ 4'		G	_		×			_	×	9/19/23		×					
	NH - 2 @ 2'		G			×		_	_	×	9/19/23		×					
IN C	NH - 2 @ 4'		G	_		×		_	_	×	9/19/23		×					
-IN	NH - 3 @ 2'		G			×			_	×	9/19/23		×					
17 NH	NH - 3 @ 4'		G	-		×			_	×	9/19/23	_	×			_		
18 W	WH - 1 @ 10'		G			×			_	×	9/19/23		×					
HS 61	SH - 1 @ 6'		G			×			_	×	9/19/23		×					
20 SH	SH - 1 @ 8'		G	_		×		L	J	×	9/19/23		×	L	_	L		
LEASE NOTE: Liability and Da nalyses. All claims including the price. In no event shall Cardina		s exclusive remedy for an se whatsoever shall be d ental damages, including	y daim a eemed w without li	nising what aived un mitation,	less made	e in writin	g and re ons, los	ceived s of us	by Car e, or lo	rdinal was of pro	to rtort, shall be limited to the amount pead by received by Cardinal within 30 days after or loss of use, or loss of profits incurred by clie.	the client for the application of the application of the application of the applications, its subsidiaries,	cable			-		
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Sampler - UPS - Bus - Other:

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Sample Condition
Cool / Intact
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No 1 No

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Delivered By: (Circle One)

Time: Date:



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H335117 PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising whether based in contract or tort, shall be limited to the amount paid by the client for the sanshass. All claims including those for negligence and any other cause whatsoever shall be deemed valued unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business intermediates. Relinquished By: Phone #: Project Manager: Company Name: Sampler Name: Project Location: Project Name: COP Yeah Yeah Line Break roject #: \ddress: FOR LAB USE ONLY Lab I.D Tamarah Kendrick 300 25 2 575-396-2378 2617 W Marland Blvd SH - 3 @ 4' SH - 3 @ 2' SH - 2 @ 4' SH - 2 @ 2' SH - 1B @ 8' SH - 1B @ 2' SH - 3 @ 6' SH - 1B @ 4' SH - 1 @ 10' SH - 1B @ 6 UL/ P Sec 23 T22S - R34E -Etech Environmental Joel Lowry Sample I.D. Q Project Owner: Fax #: 575-396-1429 State: Time: Date: Z Joel Lowry 120 Rura Received By: G 0 0 0 0 0 0 0 0 Received By: (G)RAB OR (C)OMP Cancal Mildinana # CONTAINERS _ _ Permian, LLC GROUNDWATER 88240 WASTEWATER 20 MATRIX ×× × ××× × SOIL SLUDGE OTHER P.O. #: City: Fax #: Phone #: State: Address: Company: Attn: Adrian Urquidi ACID/BASE: PRESERV × × ICE / COOL × × × × × × OTHER BILL TO E Zip: 9/19/23 9/19/23 9/19/23 9/19/23 9/19/23 9/19/23 9/19/23 9/19/23 Goodnight Midstream Permiar 9/19/23 9/19/23 DATE SAMPLING Fax Result: **REMARKS**: Email results to IME Chloride × × × × × × ×× × ☐ Yes TPH **BTEX 8021** O No Add'I Fax #: PM@etechenv.com Add'l Phone ANALYSIS REQUEST

Page 31 of 33

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aboratories

Relinquished By: Relinquished By: Project Manager: Company Name: Sampler - UPS - Bus - Other: Project Name: COP Yeah Yeah Line Break Phone #: Sampler Name: roject #: Delivered By: (Circle One) 11984 \ddress: roject Location: Lab I.D. OR LAB USE ONLY Tamarah Kendrick 575-396-2378 2617 W Marland Blvd SSW - 3 @ 4' -SSW - 2 @ 4'-SSW - 2 @ 0-4" SSW - 1 @ 4' - F SSW - 1 @ 0-4" WSW - 1 @ 4'- F WSW - 1 @ 0-4' SH - 3 @ 10' SH - 3 @ 8' SSW - 3 @ 0-4" (575) 393-2326 FAX (575) 393-2476 UL/ P Sec 23 T22S - R34E Etech Environmental Joel Lowry negligence and any other cause Sample I.D. Project Owner: Fax #: 575-396-1429 State: Time: Date: Time: Date:Q Z Joel Lowny 8 St. 20/0 ないな Received By: 0000000 G (G)RAB OR (C)OMP. Goodilight Midsheam waived unless made in writing and recei # CONTAINERS Permian, LLC GROUNDWATER 88240 Cool Intact
Yes A Yes
No No WASTEWATER ea MATRIX × × × × × × SLUDGE OTHER P.O. #: State: City: Fax #: Phone #: Address: Attn: Adrian Urquidi Company: ed by Cardinal within 30 days after ACID/BASE PRESERV ICE / COOL CHECKED BY: × × × × × × × × OTHER BILL TO EC 9/19/23 Zip: 9/19/23 9/19/23 Goodnight Midstream 9/19/23 9/19/23 9/19/23 9/19/23 9/19/23 9/19/23 9/19/23 DATE SAMPLING Phone Result: Fax Result: REMARKS Email results to pletion of the app TIME × × × × × × × × Chloride ☐ Yes TPH × × × × × × × × × × × **BTEX 8021** \times × × × O No Add'l Phone #: Add'l Fax #: ANALYSIS REQUEST PM@etechenv.com

Page 32 of 33

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	(3/3) 333-2320 FAA (3/3) 353-24/0	0) 393-2470							
Company Name:	: Etech Environmental			BILL TO	9			ANALYSIS REQUEST	┙
Project Manager:	r: Joel Lowry	2001	24	P.O.#:		2			Ĺ
Address: 261	2617 W Marland Blvd			Company: LLC	Goodnight Midstream Permian, LLC				
City: Hobbs	State:	NM Zip:	88240	Attn: Adrian Urquidi	To the second second			Prode :	
Phone #: 575	575-396-2378 Fax #:	575-396-1429		Address: 43 to 1911	A TOTAL STREET STREET				
Project #: 18963	63 Project Owner:		Permian, LLC	City:	1 100				
Project Name:	COP Yeah Yeah Line Break			State: Zip:	2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			T.C.	
Project Location:	n: UL/ P Sec 23 T22S - R34E	E Rural	La	Phone #	1000	1			
Sampler Name:		Joel Lowry		Fax #:		diene.			
FOR LAB USE ONLY		$\overline{}$	MATRIX	PRESERV. SAME	SAMPLING	a territori			
135517			TER				1		
Lab I.D.	Sample I.D.	(G)RAB OR (# CONTAINE GROUNDWA WASTEWAT SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	TIME	ТРН	BTEX 802		
1	NSW - 1 @ 0-4'	С	×	X 9/19/23	×	×	×		
42	NSW - 1 @ 4' - F	С	×	X 9/19/23	×	×	×		
243	NSW - 2 @ 0-4"	С	×	X 9/19/23	×	×	×		
44	NSW - 2 @ 4' - F	С	×	X 9/19/23	×	×	×		
45	NSW - 3 @ 0-4'	С	×	X 9/19/23	×	×	×		
6	NSW - 3 @ 4' - F	С	×	X 9/19/23	×	×	×		
47	ESW @ 0-4"	C	×	X 9/19/23	×	×	×		
84	ESW @ 4' - #	С	×	X 9/19/23	×	×	×		
PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Ca	PLEASE NOTE: Lability and Damages. Cardina's liability and derifs exclusive remety' for any daim arising whether based in colfigat or tort, shall be limited to the amount paid by the client for this analyses. All claims including those for negligence and any other ceruse whotsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal best for incidental or consequently damages, including without imitation, business interruptions loss of use or loss of professionarch to risk the subsequent and	ve remedy for any daim an soever shall be deemed wa nages, including without lin	ising whether based in conflact o sived unless made in writing and nitation, business interruptions, to	r tort, shall be limited to the amount pareceived by Cardinal within 30 days afters of use or loss of profits incurred by	id by the client for the interest completion of the application of the	ble			L
affiliates or successors arisin	ates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such daim is based upon any of the above stated	hereunder by Cardinal, rec	gardless of whether such daim is	based upon any of the above stated re	easons or otherwise.				
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Page 33 of 33

CHAIN-OF-CUSTODY AND ANALYSIS REQ

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

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Company Name:	: Etech Environmental & Safety Solutions, Inc.	utions,	inc.							B	BILL	1 70				7		ANA	ANALYSIS		Q	REQUEST	7			
roject Manager:	Tod lown							P.O.	#		-				10											
Address: P.O	P.O. Box 301					1		Col	Company:	ny:									İ			-			Market State of State	
City: Lovington	on State: NM	Zip:	Zip: 88260	03				Attn:		-									i.		-	-				
hone #: (575	(575) 396-2378 Fax #: (575)	(575) 396-1429	429				.09	Ado	Address:	S.	1														-	
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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

FOR LAB USE ONLY	Sampler Name: MA	Project Location:	Project Name: Jolo por	Project #:	Proint #: (5/5) 396-23/8	Dhon # (EZE) DOG	City: ovington	Address: PO Box 301	Project Manager: Thr	Company Name: Et
W.	Sampler Name: Martin Scoolwand Ir		Desiro	Project Owner:	23/8 Fax #: (575) 396-1429		26-6	301	100	Company Name: Etech Environmental & Safety Solutions, Inc.
MATRIX PRESERV	Fax #:	Phone #:	State:	City:	Address:	Attn:	Company:	F.O. #:		R
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Company Name: Etech Environmental & Safety Solutions, Inc.	ions, Inc. BILL	70			
an	P.O. #:		-		ANALYSIS REQUEST
Address: P.O. Box 301	Company:				
V	Zip: 88260 Attn:		_		
(5/5) 396-2378 Fax #:	(575) 396-1429 Address:				
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ages, including vereunder by Car	thout limitation, business interruptions, loss of use, or loss of profits incurre linid, regardless of whether such daim is based upon any of the above sta	s after completion of the app d by client, its subsidiaries, led reasons or otherwise	olicable		
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Revision 1.0	Case Charles See Licease	lax witten chan		575-393-2476	476



September 26, 2023

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

RE: COP YEAH YEAH LINE BREAK

Enclosed are the results of analyses for samples received by the laboratory on 09/22/23 15:07.

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 JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/22/2023 Reported:

09/26/2023

Project Name: COP YEAH YEAH LINE BREAK

Project Number: 18963

Project Location: RURAL LEA CO., NM Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos

Sample ID: NH - 1 @ 6' (H235176-01)

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	09/25/2023	ND	432	108	400	3.64	
Sample ID: NH - 1 @ 8' ((H235176-02)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	09/25/2023	ND	432	108	400	3.64	
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	01:6:
Chloride	336		,			,			Oualifier
		16.0	09/25/2023	ND	432	108	400	3.64	Qualifier
	330	16.0	09/25/2023	ND	432	108	400	3.64	Qualiner
Sample ID: NH - 2 @ 6' (09/25/2023	ND	432	108	400	3.64	Quaimer
			, ,	ND d By: AC	432	108	400	3.64	Quaimer
Sample ID: NH - 2 @ 6' (Chloride, SM4500Cl-B Analyte	(H235176-04)		, ,		432 BS	108 % Recovery	400 True Value QC	3.64 RPD	Qualifier
Chloride, SM4500Cl-B	(H235176-04) mg	/kg	Analyze	d By: AC					

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



09/21/2023

Soil

Analytical Results For:

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

Fax To:

Received: 09/22/2023 Sampling Date:
Reported: 09/26/2023 Sampling Type:

Project Name: COP YEAH YEAH LINE BREAK Sampling Condition: Cool & Intact
Project Number: 18963 Sample Received By: Dionica Hinojos

Project Location: RURAL LEA CO., NM

Sample ID: NH - 2 @ 8' (H235176-05)

mg	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
256	16.0	09/25/2023	ND	432	108	400	3.64	
:35176-06	5)							
mg	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
176	16.0	09/25/2023	ND	432	108	400	3.64	
(5176-07)								
mg	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
208	16.0	09/25/2023	ND	432	108	400	3.64	
5176-08)								
mg	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
224	16.0	09/25/2023	ND	432	108	400	3.64	
2 35176-0 9))							
mg	/kg	Analyze	d By: AC					
	/kg Reporting Limit	Analyze Analyzed	d By: AC Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	Result 256 235176-06 mg Result 176 25176-07) mg Result 208 25176-08) mg Result 224	256 16.0 235176-06) mg/kg Result Reporting Limit 176 16.0 25176-07) mg/kg Result Reporting Limit 208 16.0 25176-08) mg/kg Result Reporting Limit	Result Reporting Limit Analyzed 256 16.0 09/25/2023 235176-06) mg/kg Analyze Result Reporting Limit Analyzed 176 16.0 09/25/2023 35176-07) mg/kg Analyze Result Reporting Limit Analyzed 208 16.0 09/25/2023 35176-08) mg/kg Analyze Result Reporting Limit Analyzed 208 16.0 09/25/2023	Result Reporting Limit Analyzed Method Blank 256 16.0 09/25/2023 ND	Result Reporting Limit Analyzed Method Blank BS 256 16.0 09/25/2023 ND 432 235176-06) mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS 176 16.0 09/25/2023 ND 432 35176-07) mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS 208 16.0 09/25/2023 ND 432 35176-08) mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS 208 16.0 09/25/2023 ND 432 35176-08) Result Reporting Limit Analyzed Method Blank BS 208 Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS 208 Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS 224 16.0 09/25/2023 ND 432	Result Reporting Limit Analyzed Method Blank BS % Recovery 256 16.0 09/25/2023 ND 432 108 235176-06) mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery 176 16.0 09/25/2023 ND 432 108 35176-07) mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery 208 16.0 09/25/2023 ND 432 108 35176-08) mg/kg Analyzed By: AC Result Reporting Limit Analyzed By: AC Result Reporting Limit Analyzed By: AC	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 256 16.0 09/25/2023 ND 432 108 400 235176-06) mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 224 16.0 09/25/2023 ND 432 108 400	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 256 16.0 09/25/2023 ND 432 108 400 3.64 235176-06) mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 176 16.0 09/25/2023 ND 432 108 400 3.64 35176-07) mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 25176-08) mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

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

OF-CUSTODY AN	OF-CUSTODY AND ANALYSIS
	ID ANALYSIS

Company Name: Etech Environmental	Etech Environmental		RILLIO	The second second		ANALYSIS DECLIEST
	Joel Lowry		P.O. #: W2723			7.00
Address: 2617 W Marland Blvd	rland Blvd		Company: Goodnight Midstream	idstream		
City: Hobbs	State: NM	Zip: 88240	'n		+	
Phone #: 575-396-2378	78 Fax #: 575-396-1429			And the control of	The state of the s	
Project #: 18963	Project Owner:	Permian, LLC	City:	er ipido		
Project Name: COP Ye	COP Yeah Yeah Line Break		State: Zip:	0/10 0/10 0/10 0/10 0/10 0/10 0/10 0/10	# Taylor	
Project Location: Run	Rural Lea		Phone #:	777		
Sampler Name:	Eddie Gaytan Jr.	an Jr.	Fax #:			
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING			
H235176 Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL	S 127 SERV.	Chloride	TPH BTEX 8021	
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2 NH - 1	@ 8'	G 1 ×	-			
5 NH - 1	@ 10'	G 1 ×				
Q NH-2	@ 6'	G 1 X	X 9/21/23			
7 NH - 2	@ 8'	G 1 X	X 9/21/23			
6 NH - 2	@ 10'	G 1 X	X 9/21/23			
2 NH - 3	@ 6 <u>1</u>	G 1 ×	X 9/21/23	×		
NH - 3	@ 8'	G 1 ×	X 9/21/23	*		
9 NH-3	@ 10'	G 1 ×	X 9/21/23	×	187-	
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PLEASE NOTE: Liability and Damages, C analyses, All claims including those for ne service. In no event shall Cardinal be liable affiliates or successors arising out of or relations.	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligance and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss or due, or loss of profits incurred by client, its statement of the profit incidental or consequental damages, including without final formations, loss or due, or loss of the profits incurred by client, its statement of the profits incurred by client, it is statement of the profits incurred by client, it is statement of the profits incurred by client, it is statement of the profits incurred by client, it is statement of the profits incurred by client, it is statement of the profits incurred by client, it is statement of the profits incurred by client, it is statement of the profits incurred by client, it is statement of the profits incurred by client, it is statement of the profits incurred by client, it is statement of the profits incurred by client	is exclusive remedy for any claim arising whether based in contract or tort, shall be limited to see whatsoever shall be deemed walved unless made in writing and received by Cardinal wis ental damages, including without limitation, business interruptions, loss or use, or loss or senious hereunder by Cardinal recordless of whather such claim is besed unon any of the senious hereunder by Cardinal recordless of whather such claim is besed unon any of the senious hereunder by Cardinal recordless.	ct or tort, shall be limited to the amount paid nd received by Cardinal within 30 days after, loss of use, or loss of profits incurred by call the beard upon any of the above stated received.	d by the client for the r completion of the applicabilent, its subsidiaries,	ole	
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September 29, 2023

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

RE: COP YEAH YEAH LINE BREAK

Enclosed are the results of analyses for samples received by the laboratory on 09/28/23 12:25.

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 JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240

Fax To:

Received: 09/28/2023 Reported: 09/29/2023

09/29/2023 COP YEAH YEAH LINE BREAK

Project Name: COP YI Project Number: 18963

Project Location: RURAL LEA CO., NM

Sampling Date: 09/26/2023

Sampling Type: Soil

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

Sample ID: SP - 1 @ 18' (H235304-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	09/29/2023	ND	432	108	400	3.64	
Sample ID: SP - 1 @ 20' (
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	09/29/2023	ND	432	108	400	3.64	
Sample ID: SP - 2 @ 16' (Chloride, SM4500Cl-B	H235304-03 mg	•	Analyze	d Bv: AC					
· · · · · · · · · · · · · · · · · · ·									
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
•	Result 1550	Reporting Limit	Analyzed 09/29/2023	-	BS 432	% Recovery	True Value QC 400	RPD 3.64	Qualifier
Analyte Chloride Sample ID: SP - 2 @ 18' (1550	16.0	,	Method Blank		,	•		Qualifier
Chloride	1550	16.0	09/29/2023	Method Blank		,	•		Qualifier
Chloride Sample ID: SP - 2 @ 18' (1550 H235304-04	16.0	09/29/2023	Method Blank ND		,	•		Qualifier

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: 09/28/2023 Sampling Date: 09/26/2023 Soil

Reported: Project Name: 09/29/2023 COP YEAH YEAH LINE BREAK Sampling Type: Sampling Condition:

Cool & Intact

Project Number:

18963

Sample Received By:

Tamara Oldaker

Project Location: RURAL LEA CO., NM

Sample ID: SP - 2 @ 20' (H235304-05)

Chloride, SM4500Cl-B

Analyzed By: AC

Analyte

Analyte

Result Reporting Limit

Reporting Limit

Analyzed

Method Blank

% Recovery

108

True Value QC

400

Qualifier

Chloride

1140

09/29/2023 16.0

ND

432

BS

RPD 3.64

Sample ID: SP - 3 @ 16' (H235304-06)

Chloride, SM4500Cl-B

Analyzed By: AC

% Recovery

Chloride

Result 736

16.0

True Value QC

RPD Qualifier

09/29/2023

Analyzed

Method Blank ND

BS 432

108

400

3.64

Sample ID: SP - 3 @ 18' (H235304-07)

Chloride, SM4500Cl-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	09/29/2023	ND	432	108	400	3.64	

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Celeg 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.

Celey D. Keine

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 FORM-006 R 2.0

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

5.85

Sample Condition
Cool Intact
Yes Yes
No No

CHECKED BY:

CARDINAL Laboratories

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

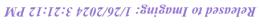
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hone #: 575-396-2378 Fa	Fax #: 575-396-1429								_	Address:	dre	SS		-	The second secon	and works		_		i i								_							
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Appendix D Photographic Log























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

QUESTIONS

Action 302000

QUESTIONS

Operator:	OGRID:
GOODNIGHT MIDSTREAM PERMIAN, LLC	372311
5910 North Central Expressway	Action Number:
Dallas, TX 75206	302000
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2325020061
Incident Name	NAPP2325020061 YEAH YEAH PIPELINE LINE RUPTURE @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	YEAH YEAH PIPELINE LINE RUPTURE
Date Release Discovered	09/06/2023
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Repair and Maintenance Pipeline (Any) Produced Water Released: 675 BBL Recovered: 675 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 302000

QUESTIONS (continued)	
Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC	OGRID: 372311
5910 North Central Expressway Dallas, TX 75206	Action Number: 302000
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	a. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for release	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases 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

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

Name: Adrian Urduidi Title: HSE Representative

Email: adrian.urquidi@goodnightmidstream.com

local laws and/or regulations.

I hereby agree and sign off to the above statement

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QUESTIONS, Page 3

Action 302000

QUESTIONS (continued)

Operator:	OGRID:
GOODNIGHT MIDSTREAM PERMIAN, LLC	372311
5910 North Central Expressway	Action Number:
Dallas, TX 75206	302000
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan 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 500 and 1000 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between 500 and 1000 (ft.)
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	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Propriate district office no later than 90 days after the release discovery date. Yes ciated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. Yes No ms per kilograms.)		
ciated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. Yes No ms per kilograms.)		
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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.		
09/06/2023		
02/15/2024		
04/15/2024		
2900		
430		
1500		
1170		
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
3 0 0 0 2 4 1		

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 302000

QUESTIONS (continued)

Operator:	OGRID:
GOODNIGHT MIDSTREAM PERMIAN, LLC	372311
5910 North Central Expressway	Action Number:
Dallas, TX 75206	302000
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	OWL LANDFILL JAL [fJEG1635837366]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	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: Adrian Urduidi Title: HSE Representative

Email: adrian.urquidi@goodnightmidstream.com

Date: 01/10/2024

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

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QUESTIONS, Page 5

Action 302000

QUESTIONS (continued)

Operator:	OGRID:
GOODNIGHT MIDSTREAM PERMIAN, LLC	372311
5910 North Central Expressway	Action Number:
Dallas, TX 75206	302000
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6

Action 302000

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GOODNIGHT MIDSTREAM PERMIAN, LLC	372311		
5910 North Central Expressway	Action Number:		
Dallas, TX 75206	302000		
	Action Type:		
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)		
QUESTIONS			
Sampling Event Information			
Last sampling notification (C-141N) recorded	{Unavailable.}		
Remediation Closure Request			
Only answer the questions in this group if seeking remediation closure for this release because	all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	No		

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CONDITIONS

Action 302000

CONDITIONS

Operator:	OGRID:
GOODNIGHT MIDSTREAM PERMIAN, LLC	372311
5910 North Central Expressway	Action Number:
Dallas, TX 75206	302000
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created	Condition	Condition
Ву		Date
nvelez	Deferral request is approved. Remediation Due date will be left open until the site has been plugged and abandoned or a major facility deconstruction takes place.	1/26/2024