	I uge I vj I.
Incident ID	nAPP2110643330
District RP	
Facility ID	
Application ID	

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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)
Did this release impact groundwater or surface water?	☐ Yes 🗸 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes 🗸 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes 🗸 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes 🗸 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes 🗸 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes 🗸 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes 🗸 No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ✓ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes 🗹 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes 🗹 No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes 🗹 No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes 🗹 No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
 ✓ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wel ✓ Field data ✓ Data table of soil contaminant concentration data ✓ Depth to water determination 	ls.

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

Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release

✓ Boring or excavation logs

▼ Topographic/Aerial maps

✓ Photographs including date and GIS information

✓ Laboratory data including chain of custody

Received by OCD: 7/12/2021 10:23:43 AM Form C-141 State of New Mexico Page 4 Oil Conservation Division

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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.								
Printed Name: Jacqui Harris	Title: Environmental Coordinator							
Signature: Jacque Thomas	Date:7/7/2021							
email: jacqui.harris@conocophillips.com	Telephone: (575)745-1807							
OCD Only								
Received by:	Date:							

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Remediation Plan

Remediation Plan Checklist: Each of the following items must be	included in the plan.
 ✓ Detailed description of proposed remediation technique ✓ Scaled sitemap with GPS coordinates showing delineation point ✓ Estimated volume of material to be remediated ✓ Closure criteria is to Table 1 specifications subject to 19.15.29.1 ✓ Proposed schedule for remediation (note if remediation plan times) 	2(C)(4) NMAC
Defended Democrate Only Early of the following items must be exceeded	Gunnel or more of ann account for defended for defended
<u>Deferral Requests Only</u> : Each of the following items must be con	firmea as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around predeconstruction.	oduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health	, the environment, or groundwater.
I hereby certify that the information given above is true and complet	a to the heat of my knowledge and understand that pursuant to OCD
	ertain release notifications and perform corrective actions for releases are of a C-141 report by the OCD does not relieve the operator of and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name: Jacqui Harris	Title: Environmental Coordinator
Signature: Jacque Thomas	Date:
email: jacqui.harris@conocophillips.com	Telephone: (575)745-1807
OCD Only	
Received by: Chad Hensley	Date: <u>08/17/2021</u>
Approved	Approval
Signature: Chad Hend	Date: 08/17/2021

Remediation Summary & Deferral Request

COG Operating, LLC Huckleberry 22 State Com CTB

Lea County, New Mexico
Unit Letter "N", Section 22, Township 21 South, Range 33 East
Latitude 32.457862 North, Longitude 103.562545 West
NMOCD Reference No. nAPP2110643330

Prepared By:

Etech Environmental & Safety Solutions, Inc.

3100 Plains Highway Lovington, New Mexico 88260

Ben J. Arguijo

Joel W. Lowry



Midland • San Antonio • Lubbock • Lovington • Lafayette

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Appendix A - Depth to Groundwater Information

Appendix B - Field Data & Soil Profile Logs

Appendix C - Photographic Log

Appendix D - Laboratory Analytical Reports

1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of COG Operating, LLC, has prepared this *Remediation Summary & Deferral Request* for the release site known as the Huckleberry 22 State Com CTB (henceforth, "Site"). Details of the release are summarized below:

Location of Release Source									
Latitude:		32.4	57862	:	-103.562545				
Provided GPS are in WGS84 format.									
Site Name: Huckleberry 22 State Com CTB Site Type: Tank Battery									
Date Release Dis	scovere	d:	4/4/2021	API # (if appl	icable):	N/A			
Unit Letter	Sec	tion	Township	y					
"N"	2		21S	Range 33E	Lea				
Surface Owner:	X Star	te		Private (Na	Release				
Crude Oil		Volum	e Released (bbls)		Volume I	Recovered (bbls)			
X Produced W	Vater	Volum	e Released (bbls)	15	Volume I	Recovered (bbls) 10			
	es No N/A								
Condensate	;	Volum	e Released (bbls)		Volume I	Recovered (bbls)			
Natural Gas	S	Volum	e Released (Mcf)		Volume Recovered (Mcf)				
Other (desc	ribe)	Volum	e/Weight Released		Volume/V	Veight Recovered			
	caused		asket failure on the flaruck was dispatched			fer pump. The release was limited s.			
			In	itial Response					
X The source of	of the re	elease ha	as been stopped.						
X The impacte	ed area l	nas been	secured to protect hur	man health and the	environment.				
X Release mat	erials h	ave beei	n contained via the use	of berms or dikes,	absorbent pad,	, or other containment devices			
X All free liqu	ids and	recover	able materials have be	en removed and ma	anaged appropi	riately.			

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

2.0 SITE CHARACTERIZATION

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

What is the shallowest depth to groundwater beneath the area affected by the release?	5	70'
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?	Yes	X 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 & Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted in 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 Standards for the Site are as follows:

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

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

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

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

4.0 REMEDIATION ACTIVITIES SUMMARY

On May 18, 2021, remediation activities commenced at the Site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and a Hach Quantab® chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The floor and sidewalls of the excavation were advanced until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard, or to the extent practicable.

On May 19, 2021, Etech collected three (3) composite confirmation soil samples (FL 1 @ 5', FL 2 @ 5', and FL 3 @ 5') from the floor of the excavated area. The soil samples were submitted to a certified commercial laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

Etech also advanced three (3) hand-augered soil bores (DEF 1, DEF 2, and DEF 3) to characterize the affected area adjacent to and beneath the on-site transfer pumps and associated piping, appurtenances, and electrical facilities requiring deferral of remediation. During the advancement of the hand-augered soil bores, a total of six (6) soil samples (DEF 1 @ 6", DEF 1 @ 5', DEF 2 @ 6", DEF 3 @ 6", and DEF 3 @ 5') were collected and field-screened utilizing olfactory/visual senses and/or a chloride test kit. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, soil was not affected above the NMOCD Closure Criteria beyond five (5) feet below ground surface (bgs) in the areas characterized by auger holes DEF 1, DEF 2, and DEF 3.

On May 20, 2021, Etech collected seven (7) composite confirmation soil samples (SW 1, WW 1, WW 2, and FL 4 @ 5' through FL 7 @ 5') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

Etech also advanced three (3) hand-augered soil bores (NHD, EHD, and WHD) to further investigate the horizontal extent of the affected area requiring deferral of remediation. During the advancement of the hand-augered soil bores, a total of six (6) soil samples (NHD @ Surface, NHD @ 1', EHD @ Surface, EHD @ 1', WHD @ Surface, and WHD @ 1') were collected and field-screened utilizing olfactory/visual senses and/or a chloride test kit. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, soil was not affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard in the areas characterized by auger holes NHD, EHD, and WHD; and the horizontal extent of the area to be deferred was adequately defined.

On May 24, 2021, Etech collected eight (8) composite confirmation soil samples (EW 1 and FL 8 @ 5' through FL 14 @ 4') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On May 25, 2021, Etech collected two (2) composite confirmation soil samples (FL 15 @ 5' and FL 16 @ 5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On May 26, 2021, Etech collected two (2) composite confirmation soil samples (FL 17 @ 2' and FL 18 @ 2') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On May 27, 2021, Etech collected four (4) composite confirmation soil samples (FL 19 @ 5' through FL 22 @ 5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On May 28, 2021, Etech collected eight (8) composite confirmation soil samples (FL 23 @ 4' through FL 30 @ 5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On June 2, 2021, Etech collected four (4) composite confirmation soil samples (FL 31 @ 4' through FL 34 @ 2') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On June 3, 2021, Etech collected four (4) composite confirmation soil samples (FL 35 @ 4' through FL 38 @ 4') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On June 4, 2021, Etech collected 12 composite confirmation soil samples (SW 2, WW 3, FL 39 @ 4' through FL 48 @ 2') from the sidewalls and floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On June 7, 2021, Etech collected six (6) composite confirmation soil samples (NW 1, NW 2, EW 2, EW 3, SW 3, and SW 4) from the sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

The final dimensions of the excavated area were approximately 120 to 128 feet in length, 15 to 158 feet in width, and two (2) to five (5) feet in depth. During the course of remediation activities, approximately 1,600 cubic yards of impacted soil was excavated and transported to an NMOCD-permitted surface waste facility for disposal.

The extent of the excavated area, the area to be deferred, and the locations of the composite confirmation soil samples and auger holes are depicted in Figure 3, "Site & Sample Location Map". Soil chemistry data is summarized in Table 1. General photographs of the Site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D.

5.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

The release was limited to the production pad of an active tank battery. Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions and compacted/contoured to fit the needs of the facility. Final remediation, reclamation, and revegetation will be conducted upon decommissioning and abandonment of the facility.

6.0 DEFERRAL REQUEST

Remediation activities were conducted in accordance with applicable NMOCD regulatory guidelines. Impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was excavated to the extent practicable and transported to an NMOCD-approved disposal facility. Laboratory analytical results from confirmation soil samples indicate concentrations of BTEX and TPH are below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standard. Remediation of impacted soil affected above the NMOCD Closure Criteria remaining in-situ beneath the on-site transfer pumps and associated pipes, appurtenances, and electrical facilities will be completed upon decommissioning and abandonment of the tank battery facility, in accordance with Section 19.15.29.13 NMAC.

Based on laboratory analytical results and field activities conducted to date, Etech recommends COG Operating, LLC, provide copies of this *Remediation Summary & Deferral Request* to the appropriate agencies and cease remediation activities at the Site.

7.0 LIMITATIONS

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

8.0 DISTRIBUTION

COG Operating, LLC 600 West Illinois Avenue Midland, TX 79701

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 1 1220 South St. Francis Drive Santa Fe, NM 87505

Hobbs Field Office

New Mexico State Land Office 2827 North Dal Paso Street Suite 117 Hobbs, NM 88240

(Electronic Submission)

Figure 1 Topographic Map

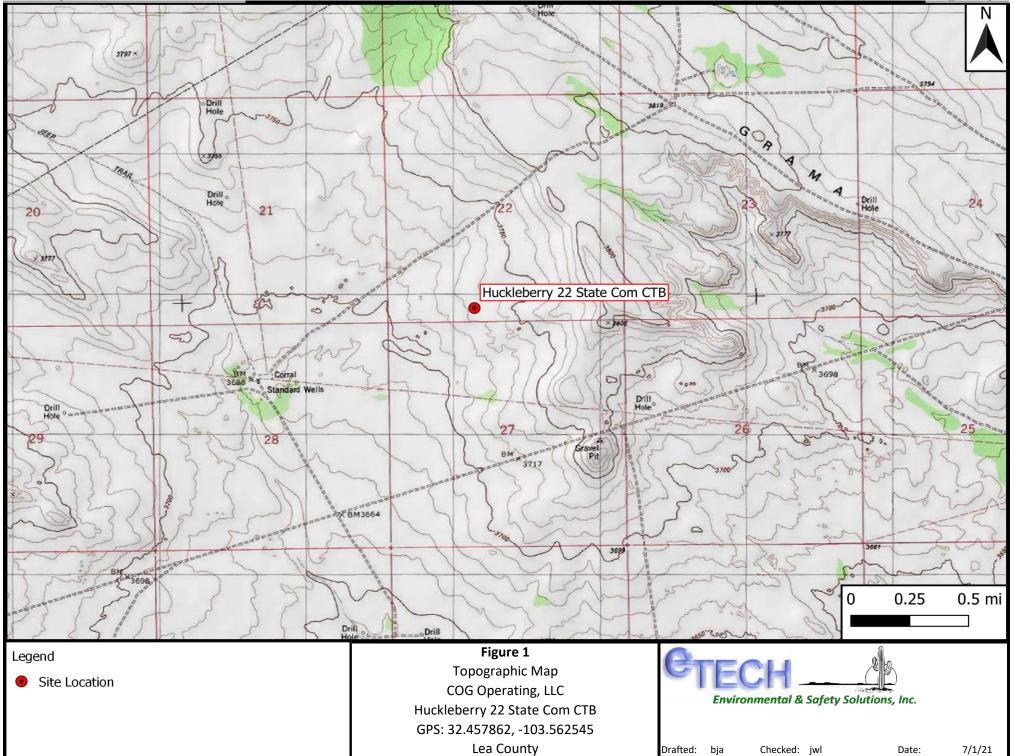


Figure 2 Aerial Proximity Map

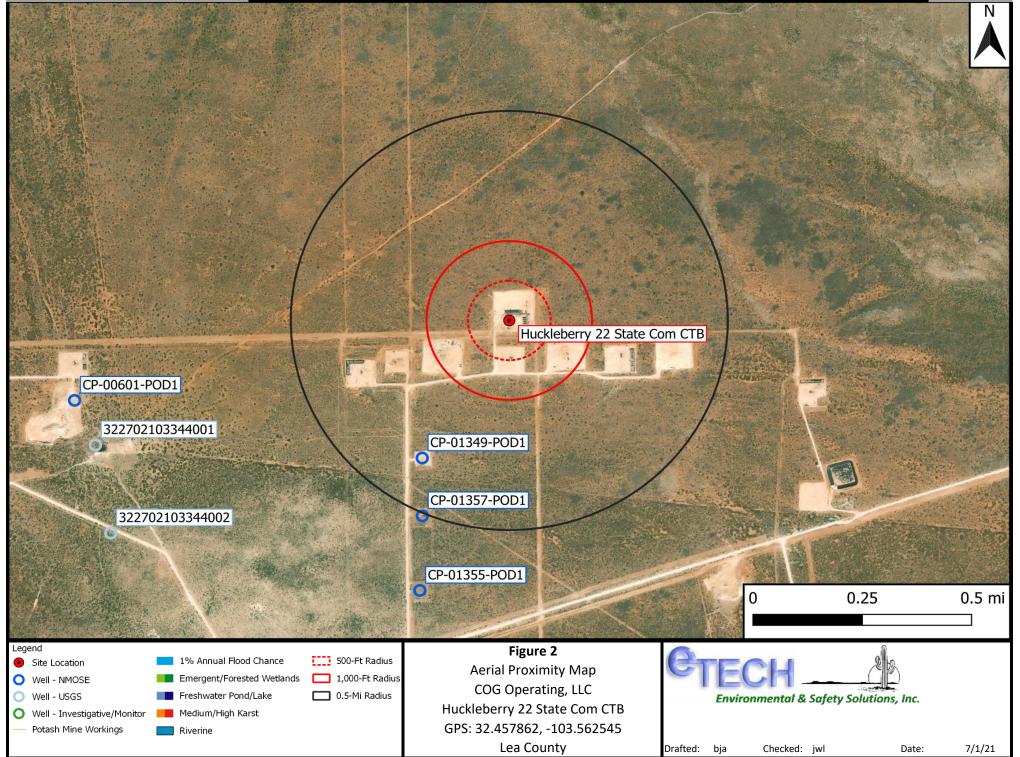


Figure 3 Site & Sample Location Map

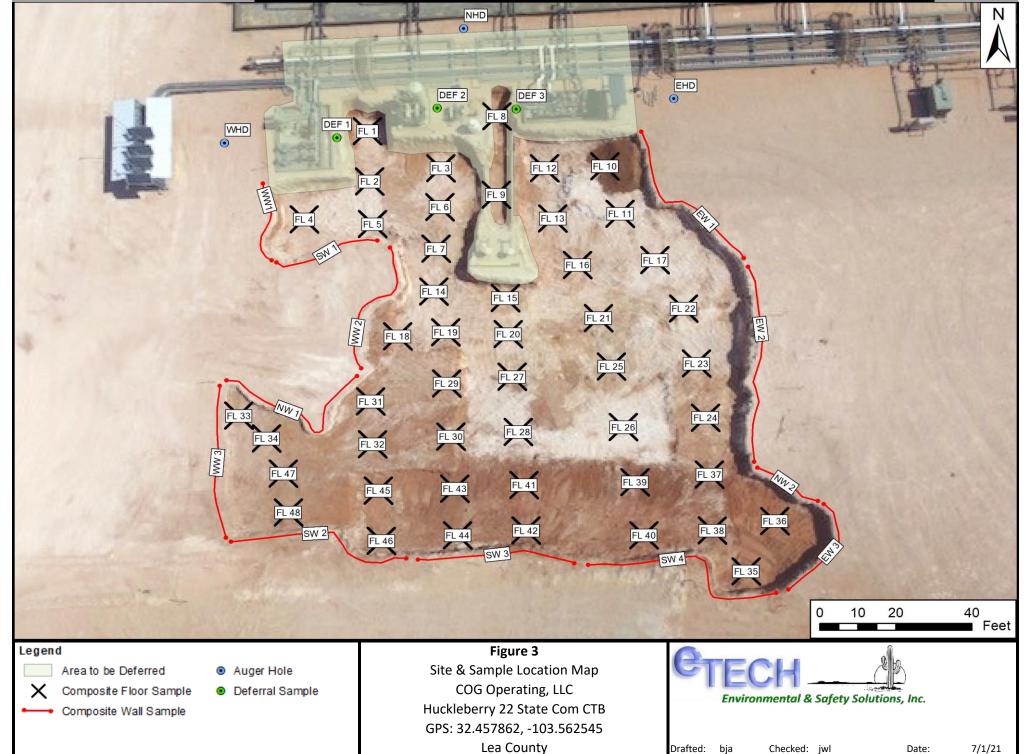


Table 1 Concentrations of BTEX, TPH & Chloride in Soil

Table 1											
Concentrations of BTEX, TPH & Chloride in Soil											
COG Operating, LLC											
Huckleberry 22 State Com CTB											
NMOCD Ref. #: nAPP2110643330											
NMO	CD Closure C	riteria		10	50	-	-	1,000	-	2,500	20,000
NMOCD	Reclamation	Standard	ı	10	50	-	-	-	-	100	600
				SW 840	6 8021B		SW	846 8015M	Ext.	1	4500 Cl
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
				Deli	neation & De	eferral Samp	les			•	
DEF 1 @ 6"	5/19/2021	0.5	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	3,600
DEF 1 @ 5'	5/19/2021	5	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
DEF 2 @ 6"	5/19/2021	0.5	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	8,000
DEF 2 @ 5'	5/19/2021	5	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
DEF 3 @ 6"	5/19/2021	0.5	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	11,100
DEF 3 @ 5'	5/19/2021	5	Deferral	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
NHD @ Surface		0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NHD @ 1'	5/20/2021	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
EHD @ Surface	5/20/2021	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
EHD @ 1'	5/20/2021	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
WHD @ Surface	5/20/2021	0	In-Situ	< 0.050	< 0.300	<10.0	<10.0	< 20.0	<10.0	<30.0	48.0
WHD @ 1'	5/20/2021	1	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
					Excavation	Samples					
NW 1	6/7/2021	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW 2	6/7/2021	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
EW 1	5/24/2021	0-3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
EW 2	6/7/2021	0-5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
EW 3	6/7/2021	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW 1	5/20/2021	0-5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW 2	6/4/2021	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW 3	6/7/2021	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW 4	6/7/2021	0-4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 1	5/20/2021		In-Situ		< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
WW 2	5/20/2021	0-5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WW 3	6/4/2021	0-2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 1 @ 5'	5/19/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 2 @ 5'	5/19/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 3 @ 5'	5/19/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 4 @ 5'	5/20/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 5 @ 5'	5/20/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 6 @ 5'	5/20/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 7 @ 5'	5/20/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 8 @ 5'	5/24/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 9 @ 5'	5/24/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 10 @ 3'	5/24/2021	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 11 @ 3'	5/24/2021	3	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 12 @ 5'	5/24/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 13 @ 5'	5/24/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 14 @ 4'	5/24/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	816
FL 15 @ 5'	5/25/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0

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

Table 1 Concentrations of BTEX, TPH & Chloride in Soil COG Operating, LLC

Huckleberry 22 State Com CTB NMOCD Ref. #: nAPP2110643330

NMO	NMOCD Closure Criteria					APP2110	-	1,000	_	2,500	20,000
	NMOCD Reclamation Standard			10	50 50		_	-		100	600
				-	6 8021B		SW 846 8015M Ext.				
Sample ID	Date	Depth (Feet)	Soil Status	Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL 16 @ 5'	5/25/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 17 @ 2'	5/26/2021	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 18 @ 2'	5/26/2021	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 19 @ 5'	5/27/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 20 @ 5'	5/27/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	544
FL 21 @ 5'	5/27/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 22 @ 5'	5/27/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 23 @ 4'	5/28/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 24 @ 4'	5/28/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 25 @ 5'	5/28/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 26 @ 5'	5/28/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 27 @ 5'	5/28/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 28 @ 5'	5/28/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 29 @ 5'	5/28/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 30 @ 5'	5/28/2021	5	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 31 @ 4'	6/2/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	448
FL 32 @ 4'	6/2/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 33 @ 2'	6/2/2021	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 34 @ 2'	6/2/2021	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 35 @ 4'	6/3/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 36 @ 4'	6/3/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	544
FL 37 @ 4'	6/3/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FL 38 @ 4'	6/3/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	480
FL 39 @ 4'	6/4/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 40 @ 4'	6/4/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 41 @ 4'	6/4/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 42 @ 4'	6/4/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 43 @ 4'	6/4/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 44 @ 4'	6/4/2021	4	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 45 @ 2'	6/4/2021	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 46 @ 2'	6/4/2021	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 47 @ 2'	6/4/2021	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 48 @ 2'	6/4/2021	2	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0

Appendix A Depth to Groundwater Information

GPS: 32.457862, -103.562545 Lea County

Drafted: bja

Checked: jwl

Date:

7/1/21



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

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is

closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

	POD Sub-		Q	a a							Depth	Depth	Water
POD Number	Code basin	County	64 1	6 4	Sec	Tws	Rng	Х	Υ	Distance	•	-	Column
CP 01349 POD1	CP	LE	2	3 1	27	21S	33E	634782	3591569 🌍	617	1188	572	616
CP 01357 POD1	СР	LE	4	3 1	27	21S	33E	634782	3591347 🌍	815	1286	578	708
CP 01355 POD1	СР	LE	2	1 3	27	21S	33E	634773	3591061 🌍	1087	1192	582	610

Average Depth to Water: 577 feet

Minimum Depth: 572 feet

Maximum Depth: 582 feet

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 635102.31 Northing (Y): 3592097.73 Radius: 1610

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New Mexico Office of the State Engineer

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

 \mathbf{X}

CP 01349 POD1

3 1 27 21S 33E

634782 3591569

Diversion

Artesian

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

Driller Name: GLENN, CLARK A."CORKY"

Drill Start Date: 07/12/2014 **Drill Finish Date:**

07/18/2014 Plug Date: Log File Date: 08/04/2014 **PCW Rcv Date:** 04/27/2017 Source:

Pump Type: SUBMER Pipe Discharge Size: **Estimated Yield:**

Casing Size: 7.00 Depth Well: 1188 feet Depth Water: 572 feet

Water Bearing Stratifications: **Top Bottom Description**

> 990 1188 Sandstone/Gravel/Conglomerate

Casing Perforations: Bottom Top

> 721 1188

Meter Number: 18275 Meter Serial Number: 092413719 Meter Make: BLANCETT

Meter Multiplier: 1.0000

Number of Dials:

Return Flow Percent:

Meter Type:

Unit of Measure: Barrels 42 gal. **Usage Multiplier:**

Monthly **Reading Frequency:**

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
06/02/2015	2015	616318	A	ap	beginning water report	0	
06/27/2015	2015	654758	A	ap		49.547	
07/31/2015	2015	654758	A	ap		0	
08/31/2015	2015	658147	A	ap		4.368	
09/30/2015	2015	658147	A	ap		0	
10/31/2015	2015	658147	A	ap		0	
11/30/2015	2015	658147	A	ap		0	
04/01/2016	2016	0	A	ap	meter was reset	0	
04/30/2016	2016	56	A	ap		0.072	
06/30/2016	2016	45448	A	ap		58.507	
07/27/2016	2016	93651	A	ap		62.130	
08/04/2016	2016	0	A	ap		0	
08/04/2016	2016	93651	A	ap	replacing with new meter	0	
09/01/2016	2016	59651	A	ap		768.861	
09/30/2016	2016	59685	A	ap		0.438	
10/31/2016	2016	59685	A	ap		0	
11/29/2016	2016	123327	A	ap		820.303	
12/31/2016	2016	202400	A	ap		1019.198	
02/01/2017	2017	222525	A	ap		259.398	
02/27/2017	2017	0	A	ap	reset meter again second time	0	
02/27/2017	2017	227465	A	ap		63.673	

03/01/2017	2017	4377	A	ap		56.417
03/31/2017	2017	63670	A	ap		764.247
05/01/2017	2017	110035	A	ap		597.614
05/31/2017	2017	121714	A	ap		150.534
07/31/2017	2017	179828	A	ap		749.050
10/31/2017	2017	212568	A	ap		421.997
11/30/2017	2017	212568	A	ap		0
11/30/2017	2017	0	A	ap	new meter	0
12/30/2017	2017	381088	A	ap		4911.968
01/30/2018	2018	437540	A	ap		727.628
02/28/2018	2018	489981	A	ap		675.929
03/30/2018	2018	547614	A	ap		742.851
04/30/2018	2018	599646	A	ap		670.657
06/01/2018	2018	653059	A	ap		688.458
06/29/2018	2018	705152	A	ap		671.444
07/31/2018	2018	740396	A	ap		454.271
08/30/2018	2018	797263	A	ap		732.977
09/30/2018	2018	846832	A	ap		638.911
11/30/2018	2018	954599	A	ap		1389.044
01/02/2019	2018	1007303	A	RPT		6.793
02/01/2019	2019	1020346	A	RPT		1.681
08/01/2019	2019	1424822	A	RPT		52.134
09/01/2019	2019	1479315	A	RPT		7.024
09/30/2019	2019	1532079	A	RPT		6.801
10/31/2019	2019	1594691	A	RPT		8.070
11/30/2019	2019	1649180	A	RPT		7.023
12/31/2019	2019	1680307	A	RPT		4.012
02/01/2020	2020	1725618	A	RPT		5.840
03/01/2020	2020	1769757	A	RPT		5.689
04/01/2020	2020	1795050	A	RPT		3.260
05/01/2020	2020	1795050	A	RPT		0
06/01/2020	2020	1827737	A	RPT		4.213
08/01/2020	2020	1890759	A	RPT		8.123
09/01/2020	2020	1911876	A	RPT		2.722
10/01/2020	2020	1921973	A	RPT		1.301
10/31/2020	2020	1921973	A	WEB	3	0 X
11/30/2020	2020	1936489	A	WEB	3	1.871 X
12/31/2020	2020	1985989	A	WEB	3	6.380 X
**YTD Mete	r Amounts:	Year		Amount		
		2015		53.915		
		2016		2729.509		
		2017		7974.898		
		2017		7398.963		
		2019		86.745		
		2019		39.399		
		2020		37.377		

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POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

21S 33E

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

27

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng \mathbf{X}

Y 634782 3591347

Driller License: 421 **Driller Company:**

CP 01357 POD1

GLENN'S WATER WELL SERVICE

Driller Name: GLENN, CLARK A."CORKY"

Drill Start Date: 08/16/2014 **Drill Finish Date:**

08/26/2014

Plug Date:

Log File Date:

09/10/2014

PCW Rcv Date:

04/27/2017

Source:

Pump Type:

SUBMER

Pipe Discharge Size:

Estimated Yield:

Casing Size:

6.37

Depth Well:

1286 feet

Depth Water:

578 feet

Artesian

Water Bearing Stratifications: Top Bottom Description

945

960 Sandstone/Gravel/Conglomerate

960 Shale/Mudstone/Siltstone 1077 1215 Sandstone/Gravel/Conglomerate

1215 Shale/Mudstone/Siltstone 1286

Casing Perforations:

Top Bottom

846 1286

18278

Meter Make:

Meter Type:

BLANCETT

Meter Serial Number:

002514700

Meter Multiplier:

1.0000 Diversion

Number of Dials:

Barrels 42 gal.

Return Flow Percent:

Unit of Measure: Usage Multiplier:

Meter Number:

Reading Frequency: Monthly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr Comment	Mtr Amount Online
06/03/2015	2015	620282	A	ap beginning meter reading	0
06/27/2015	2015	648079	A	ap	358.285
07/31/2015	2015	648079	A	ap	0
08/21/2015	2015	678838	A	ap	396.463
09/30/2015	2015	679417	A	ap	7.463
10/30/2015	2015	777255	A	ap	1261.066
11/30/2015	2015	798886	A	ap	278.809
04/30/2016	2016	984569	A	ap	2393.329
06/30/2016	2016	1124000	A	ap	1797.172
07/31/2016	2016	1199233	A	ap	969.703
09/01/2016	2016	1273938	A	ap	962.897
09/30/2016	2016	1304197	A	ap	390.018
10/31/2016	2016	1352466	A	ap	622.155
11/29/2016	2016	1416500	A	ap	825.355
12/31/2016	2016	1496320	A	ap	1028.826
02/01/2017	2017	1526044	A	ap	383.122
03/01/2017	2017	1526818	A	ap	9.976
03/31/2017	2017	1549606	A	ap	293.722

05/01/2017	2017	1596745	A	ap	60
05/31/2017	2017	1609365	A	ap	1
07/31/2017	2017	1675457	A	ap	8.
10/31/2017	2017	1782654	A	ap	138
11/30/2017	2017	1866815	A	ар	108
12/30/2017	2017	1939812	A	ap	92
01/30/2018	2018	2006016	Α	ap	85
02/28/2018	2018	2071063	A	ap	83
03/30/2018	2018	2134697	A	ар	82
04/30/2018	2018	2198100	A	ар	81
06/01/2018	2018	2264810	A	ap	85
06/29/2018	2018	2327836	A	ap	81
07/31/2018	2018	2408117	A	ap	103
08/30/2018	2018	2477917	A	ap	89
09/30/2018	2018	2536539	A	ap	75
11/30/2018	2018	2614905	A	ap	101
01/02/2019	2018	2676128	A	RPT	
02/01/2019	2019	2690452	A	RPT	
08/01/2019	2019	3102120	A	RPT	5
09/01/2019	2019	3143282	A	RPT	
09/30/2019	2019	3237244	A	RPT	1
10/31/2019	2019	3279628	A	RPT	
11/30/2019	2019	3343068	A	RPT	
12/31/2019	2019	3380700	A	RPT	
02/01/2020	2020	3404021	A	RPT	
03/01/2020	2020	3424112	A	RPT	
04/01/2020	2020	3461970	A	RPT	
05/01/2020	2020	3461970	A	RPT	
06/01/2020	2020	3474270	A	RPT	
08/01/2020	2020	3485254	A	RPT	
09/01/2020	2020	3495334	A	RPT	
10/01/2020	2020	3495334	A	RPT	
10/31/2020	2020	3520393	A	WEB	
11/30/2020	2020	3604293	A	WEB	1
12/31/2020	2020	3652303	A	WEB	
**YTD Met	er Amounts:	Year		Amount	
		2015		2302.086	
		2016		8989.455	
		2017		5716.312	
		2018		8709.385	
		2019		90.815	
		2020		35.008	

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7/1/21 2:04 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

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

 \mathbf{X}

CP 01355 POD1

27 21S 33E

Y 3591061

634773

Driller License: 421 **Driller Company:**

GLENN'S WATER WELL SERVICE

Driller Name: GLENN, CLARK A."CORKY"

Drill Start Date: 07/22/2014 **Drill Finish Date:**

07/29/2014 **Plug Date:**

Log File Date:

09/10/2014

PCW Rcv Date:

04/27/2017

Source: Artesian

Pump Type:

SUBMER

Pipe Discharge Size:

Estimated Yield: 50 GPM

Casing Size:

6.37

Depth Well:

1192 feet

Depth Water:

582 feet

Water Bearing Stratifications:

Top Bottom Description

975 Sandstone/Gravel/Conglomerate

925 975

Sandstone/Gravel/Conglomerate

Casing Perforations:

Top Bottom

690 1192

18276

Meter Make:

BLANCETT

Meter Serial Number: 092413721

Meter Multiplier:

Meter Type:

1.0000 Diversion

Monthly

Number of Dials:

Barrels 42 gal.

Return Flow Percent:

Unit of Measure: Usage Multiplier:

Meter Number:

Reading Frequency:

Meter Readings (in Acre-Feet)

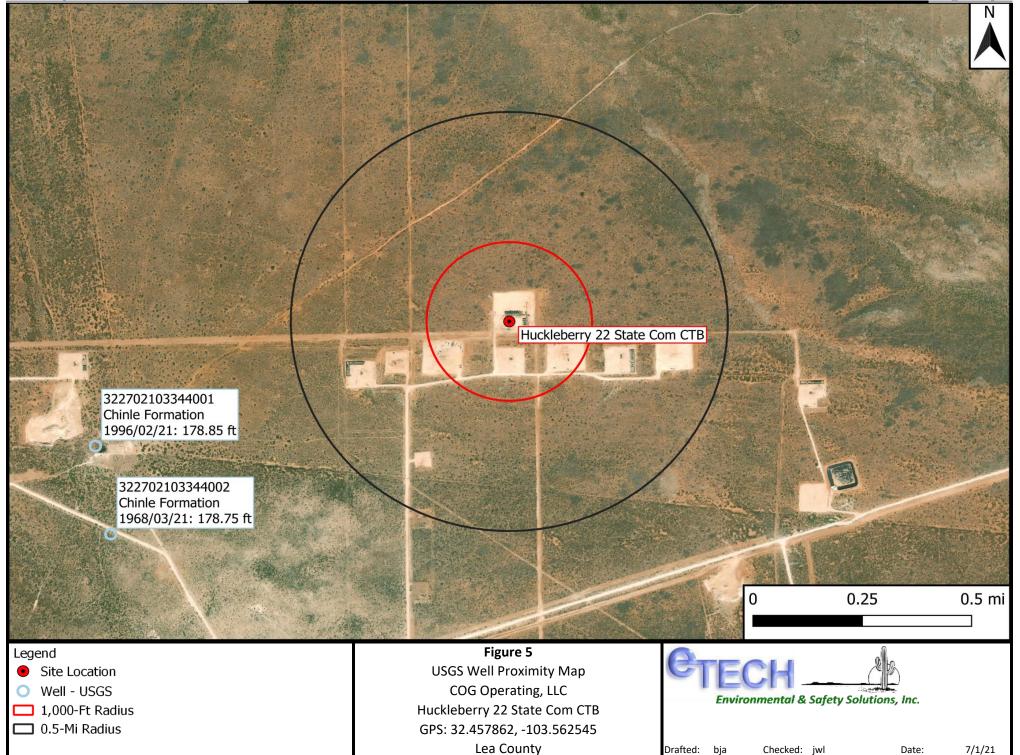
Read Date	Year	Mtr Reading	Flag	Rdr Comment	Mtr Amount Online
06/03/2015	2015	551474	A	ap beginning meter amt	0
06/27/2015	2015	578359	A	ap	346.530
07/31/2015	2015	578359	A	ap	0
08/31/2015	2015	578359	A	ap	0
09/30/2015	2015	578359	A	ap	0
10/28/2015	2015	578861	A	ap	6.470
11/30/2015	2015	590798	A	ap	153.860
04/28/2016	2016	784703	A	ap	2499.305
06/30/2016	2016	884243	A	ap	1283.004
07/27/2016	2016	939606	A	ap	713.592
09/01/2016	2016	995570	A	ap	721.338
09/30/2016	2016	1016127	A	ap	264.966
10/30/2016	2016	1043814	A	ap	356.867
11/29/2016	2016	1103209	A	ap	765.562
12/31/2016	2016	1156125	A	ap	682.052
02/01/2017	2017	1180595	A	ap	315.402
03/01/2017	2017	1190359	A	ap	125.851
03/31/2017	2017	1240617	A	ap	647.792
05/01/2017	2017	1286711	A	ap	594.121
05/31/2017	2017	1299115	A	ap	159.879

		2020		24.658	
		2019		74.453	
		2018		7319.453	
		2017		6021.069	
		2016		7286.686	
		2015		506.860	
**YTD Met	er Amounts:	Year		Amount	
12/31/2020	2020	3011182	A	WEB	9.896 X
11/30/2020	2020	2934407	A	WEB	0 X
10/31/2020	2020	2934407	A	WEB	3.416 X
10/01/2020	2020	2907904	A	RPT	0.745
09/01/2020	2020	2902122	A	RPT	1.297
08/01/2020	2020	2892062	A	RPT	4.429
06/01/2020	2020	2857702	A	RPT	0
05/01/2020	2020	2857702	A	RPT	0
04/01/2020	2020	2857702	A	RPT	1.204
03/01/2020	2020	2848363	A	RPT	2.918
02/01/2020	2020	2825724	A	RPT	0.753
12/31/2019	2019	2819880	A	RPT	3.703
11/30/2019	2019	2791150	A	RPT	6.350
10/31/2019	2019	2741881	A	RPT	6.502
09/30/2019	2019	2691438	A	RPT	7.140
09/01/2019	2019	2636041	A	RPT	5.710
08/01/2019	2019	2591739	A	RPT	43.575
02/01/2019	2019	2253666	A	RPT	1.473
01/02/2019	2018	2242236	A	RPT	6.654
11/30/2018	2018	2190614	A	ap	1362.776
09/30/2018	2018	2084885	A	ap	422.744
08/30/2018	2018	2052087	A	ap	673.674
07/31/2018	2018	1999821	A	ap	759.877
06/29/2018	2018	1940867	A	ap	638.344
06/01/2018	2018	1891342	A	ap	667.280
04/30/2018	2018	1839572	A	ap	672.978
03/30/2018	2018	1787360	A	ap	686.589
02/28/2018	2018	1734092	A	ap	1096.121
01/30/2018	2018	1649051	A	ap	332.416
12/30/2017	2017	1623261	A	ap	802.025
11/30/2017	2017	1561037	A	ap	868.586
10/31/2017	2017	1493649	A	ар	1418.084
07/31/2017	2017	1383629	A	ap	1089.329

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, or suitability for any particular purpose of the data.

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POINT OF DIVERSION SUMMARY





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USGS Water Resources

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

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Groundwater levels for the Nation

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

Agency code = usgs site no list =

• 322702103344001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 322702103344001 21S.33E.28.12443

Lea County, New Mexico
Latitude 32°27'13", Longitude 103°34'42" NAD27
Land-surface elevation 3,688.00 feet above NGVD29
The depth of the well is 224 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

					0	utput formats					
Table of data	<u>a</u>										
Tab-separate	b-separated data										
Graph of da	<u>ta</u>										
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Date	Time	? Water- level	? Parameter	Water level, feet below	Water level, feet above	Referenced vertical	?	? Method of	? Measuring	? Source of	? Water- level

Date	Time	level date-time accuracy	Parameter code	below land surface	specific vertical datum	datum	Status	Method of measurement	Measuring agency	Source of measurement	level approval status	
1971-02-04		D	72019	178.62			1	Z			А	
1972-09-22		D	72019	178.60			1	Z			Α	
1976-12-16		D	72019	178.86			1	Z			Α	
1981-03-10		D	72019	184.67			1	Z			А	

Date	Time	? Water- level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1986-03-20		D	72019	179.24			:	L Z	2		А
1991-04-19		D	72019	179.10			:	L Z	-		А
1996-02-21		D	72019	178.85			:	1 5	5		Α

Explanation

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

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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: 2021-07-01 17:31:27 EDT

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Groundwater	~	United States	~	GC

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Search Results -- 1 sites found

Agency code = usgs site no list =

• 322702103344002

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 322702103344002 21S.33E.28.12443A

Lea County, New Mexico
Latitude 32°27'02", Longitude 103°34'40" NAD27
Land-surface elevation 3,680 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats Table of data Tab-separated data Graph of data Reselect period Water ? Water level, level, ? Waterfeet Referenced feet Water-**Date** Time level above vertical **Parameter** below **Method of** Measuring Source of level datespecific datum **Status** code land measurement measurement agency approval vertical time surface status accuracy datum D Ζ 1968-03-21 72019 178.75

Explanation

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

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

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

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

Page Last Modified: 2021-07-01 17:32:48 EDT

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Appendix B Field Data & Soil Profile Logs



Sample Log

Date: 4/13/21

Project: Huckleberry 22 State Com CTB

Project Number: 14014 Latitude: 32.457862 Longitude: -103.562545

Sample ID	PID/Odor		Chloric	de Co	nc.		G	P5
NH @ Surface	~	198			_			
NHQ1'	_	168						
EH @ sufface		(98						
CH Q V		144						
SH @ surface		7120						
5H @ 1'	_	7/10						
	3	162						
WH @ Sofface WH @1'	-	7126		•				<u> </u>
SPI W SUSTAINE	Hrong	13,468			-	•		
5P1@1'	1.94+	4,328						
588 @ suface	Strong	14,332				-		
591611 592 @ suffee 593 @ surface	light	6,500						
583@ Surface	light	9,884						
403 @ 1' 381 @ 2' 502 @ 2'		198			••			
JR1 @2'	.~	1,240					,	
SP3/23.		2,140						
SP1@3.	~	1,332						
863 (\$ 3)	~	256	_					
501@4'		1,328						
Confirmation Sampling	ewell	4	7		Saup ling	CC s	for madion	coent
Rober SWI	_	198						
EWI		9 412						
WW I	_	340						
FLIBY.	_	1224						
DEMO FLIPS'	-	240						
FL 205		212						
FL 205' FL 305'	1	272		_				
FL 4 @5"	_	112						
FL563	*	2300						
FL5 P4'		996						
FLS & 5'		240						
FL6@5'		256						
FL7P51		368						
(s) (a) D		198						
FLEES!		134						

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Sample Log

		Date:	
roject:			
roject Number:	Latitu d e:	Longitude:	

Sample ID	PID/Odor	Chloride Conc.	GP5
FL 9 @5'	-	246	
FL 10 @ 3' FL 10 @ 3' FL 12 @ 5' FL 13 @ 5' Face FL 14 @ 4' FL 14 @ 4' FL 15 @ 5'		272	
FL 11 @ 3'	_	2/2	
FL1205		171	
FL 13 (05'		ົງໂຮ	
Face FL14@3'	-	129 218 318	
FL 14 @ 4'		908	
FL 15 65'	T	198	
		212	
FL 17@2'	_	272	Ŧ
FL 18 62		189	
FL 17 @ 2' FL 18 @ 2' FL 19 @ 2' FC 19 (24'		2484 1786	
FL1964'		1986	
FC19@5'		218	
FL 20 PS1	-	2.77	
FL 21 64'	-	2484	
FLZIES'	,_,	198	
FC 22 @ 5-1		112	
FL 73 W3'		684	
FL 29 64		243	, , , , , , , , , , , , , , , , , , ,
FL2464'	-	798	
+ 6 25 @ 4,		1936	
F 26 (2) 41	7	1621	
FL 25 65'		316	
F26 (65)		294	
FC 19 6 9' FC 19 6 5' FL 21 6 4' FL 21 6 5' FL 22 6 5' FL 23 6 3' FL 23 6 4' FL 25 6 4, F 26 6 5' FL 27 6 5' FL 27 6 5' FL 28 6 5' FL 30 6 5' FL 30 6 5' FL 31 6		212	
FC 28 635		2/2	
F1.2905'	_	772	
FL 3005'		198	
FL 31 P\$ 4'	_	L40	
FC 3260 84	~	[([]	
El 33(0,5.		416	
ET3465,		456 (728	· .
FL35@ 1'	-	(728	
FL 31/08 4' FL 32/08 4' FL 33/02: FL 34/07' FL 35/0 1' FL 35/0 4' FL 36/0 4'	-	578 720	
FL36@4'		720	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = 5P #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

Pre-ALL	2
FIECH	
Embranmental	& Safety Solutions, Inc.

Sample Log

		Date:	
Project:			
Project Number:	Latitude:	Longitude:	

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 37@4'	-	456	
FL38@4'	—	508	
FL 39@4'	1	198	
FL 40 @41		218	. •
FC 41041.	-	212	
FL 42041		272	
FL 43@ 4'	T	162	
FL 44 60 4'	_ '	2115	
FL 45@21		199	
FL 46 021	ļ. —	140	
FL 47 @21 .		794	
FC 47 @21 :		3.16	
ww3		٠٠. ١٠١٤	
5W2		(12	
5W3		196	
swy.		18g	
Ein Z		2/2	
Ew3		272	
NW!		7/12	
Nw2		(12	
	ļ		
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			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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	ļ		

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Soil Profile

Environm	ental & Safety Solutions, Inc.				Date:	H /13/21
roject: roject Nu	Huckleberry 22 S mber:	State Com CTB 14014	Latitude:	32.457862	Longitude:	-103.562545
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Appendix C Photographic Log

Photo Number:

1

Photo Direction: West

Photo Description:



Aerial view of the affected area.

Photo Number:

2

Photo Direction:

Northwest

Photo Description:

View of the affected area.



Photo Number:

3

Photo Direction: Northeast

Photo Description:

View of the affected area.

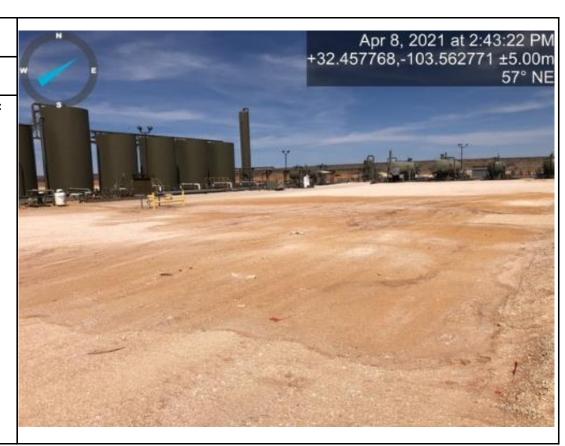


Photo Number:

4

Photo Direction:

Northwest

Photo Description:

View of the affected area.



Photo Number: 5

Photo Direction: East

Photo Description:



View of the excavated area.

Photo Number:

6

Photo Direction: Southeast

Photo Description:

View of the excavated area.







Photo Number: 9 **Photo Direction:**

West **Photo Description:**

View of the remediated area after backfilling and regrading.



Photo Number: 10 **Photo Direction:** Northeast **Photo Description:**

View of the remediated area after backfilling and regrading.





Appendix D Laboratory Analytical Reports



May 25, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: HUCKLEBERRY 22 STATE COM CTB

Enclosed are the results of analyses for samples received by the laboratory on 05/20/21 17:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date: 05/19/2021 Reported: 05/25/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition:

Cool & Intact Project Number: 14014 Sample Received By: Tamara Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 1 @ 5' (H211319-01)

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	05/24/2021	ND	1.92	95.9	2.00	7.02	
Toluene*	<0.050	0.050	05/24/2021	ND	1.96	98.2	2.00	7.02	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.96	98.1	2.00	6.35	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	6.05	101	6.00	7.66	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/24/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	216	108	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	226	113	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	82.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	84.1	% 38.9-14	2						

Cardinal Laboratories

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Tamara Oldaker

Sample Received By:

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/20/2021

Sampling Date: 05/19/2021 Reported: 05/25/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact

14014 CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 2 @ 5' (H211319-02)

Project Number:

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	05/24/2021	ND	1.92	95.9	2.00	7.02	
Toluene*	<0.050	0.050	05/24/2021	ND	1.96	98.2	2.00	7.02	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.96	98.1	2.00	6.35	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	6.05	101	6.00	7.66	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/24/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	216	108	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	226	113	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	89.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	89.5	% 38.9-14	22						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date: 05/19/2021

Reported: 05/25/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 14014 Sample Received By:

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 3 @ 5' (H211319-03)

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	05/24/2021	ND	1.92	95.9	2.00	7.02	
Toluene*	<0.050	0.050	05/24/2021	ND	1.96	98.2	2.00	7.02	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.96	98.1	2.00	6.35	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	6.05	101	6.00	7.66	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/24/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	216	108	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	226	113	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	95.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	93.6	% 38.9-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date: 05/20/2021

Reported: 05/25/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 14014 Sample Received By:

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 4 @ 5' (H211319-04)

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	05/24/2021	ND	1.92	95.9	2.00	7.02	
Toluene*	<0.050	0.050	05/24/2021	ND	1.96	98.2	2.00	7.02	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.96	98.1	2.00	6.35	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	6.05	101	6.00	7.66	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/24/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	216	108	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	226	113	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	98.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	97.9	% 38.9-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date: 05/20/2021

Reported: 05/25/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Project Number: Sample Received By: 14014 Tamara Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 5 @ 5' (H211319-05)

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	05/24/2021	ND	1.92	95.9	2.00	7.02	
Toluene*	<0.050	0.050	05/24/2021	ND	1.96	98.2	2.00	7.02	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.96	98.1	2.00	6.35	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	6.05	101	6.00	7.66	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/24/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	216	108	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	226	113	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	84.3 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	84.7 9	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date: 05/20/2021

Reported: 05/25/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Project Number: Sample Received By: 14014 Tamara Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 6 @ 5' (H211319-06)

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	05/24/2021	ND	1.92	95.9	2.00	7.02	
Toluene*	<0.050	0.050	05/24/2021	ND	1.96	98.2	2.00	7.02	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.96	98.1	2.00	6.35	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	6.05	101	6.00	7.66	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/24/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	216	108	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	226	113	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	95.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	96.7	% 38.9-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

 Received:
 05/20/2021
 Sampling Date:
 05/20/2021

 Reported:
 05/25/2021
 Sampling Type:
 Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: FL 7 @ 5' (H211319-07)

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	05/24/2021	ND	1.92	95.9	2.00	7.02	
Toluene*	<0.050	0.050	05/24/2021	ND	1.96	98.2	2.00	7.02	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.96	98.1	2.00	6.35	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	6.05	101	6.00	7.66	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/24/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	216	108	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	226	113	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	86.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	87.2	% 38.9-14	12						

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Celeg & Freene



Sample Received By:

05/20/2021

Cool & Intact

Tamara Oldaker

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date:

Reported: 05/25/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition:

Project Location: CONOCO PHILLIPS - LEA CO NM

14014

Sample ID: WW 2 (H211319-08)

Project Number:

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	05/24/2021	ND	1.92	95.9	2.00	7.02	
Toluene*	<0.050	0.050	05/24/2021	ND	1.96	98.2	2.00	7.02	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.96	98.1	2.00	6.35	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	6.05	101	6.00	7.66	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
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	05/25/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	216	108	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	226	113	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	84.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	86.8	% 38.9-14	12						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date: 05/20/2021

Reported: 05/25/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: WW 1 (H211319-09)

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	05/24/2021	ND	1.92	95.9	2.00	7.02	
Toluene*	<0.050	0.050	05/24/2021	ND	1.96	98.2	2.00	7.02	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.96	98.1	2.00	6.35	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	6.05	101	6.00	7.66	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/25/2021	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	216	108	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	226	113	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	89.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	90.3	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Analyzed By: ms

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date: 05/20/2021

Reported: 05/25/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Project Location: CONOCO PHILLIPS - LEA CO NM

mg/kg

Sample ID: SW 1 (H211319-10)

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	05/24/2021	ND	1.92	95.9	2.00	7.02	
Toluene*	<0.050	0.050	05/24/2021	ND	1.96	98.2	2.00	7.02	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.96	98.1	2.00	6.35	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	6.05	101	6.00	7.66	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/25/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	216	108	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	226	113	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	95.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	96.5	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

(6,6) 656 21

Received: 05/20/2021 Sampling Date: 05/19/2021

Reported: 05/25/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: DEF 1 @ 6" (H211319-11)

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	05/24/2021	ND	1.92	95.9	2.00	7.02	
Toluene*	<0.050	0.050	05/24/2021	ND	1.96	98.2	2.00	7.02	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.96	98.1	2.00	6.35	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	6.05	101	6.00	7.66	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	05/25/2021	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	216	108	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	226	113	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	96.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	99.5	% 38.9-14	12						

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05/19/2021

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date:

Reported: 05/25/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: DEF 2 @ 6" (H211319-12)

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	05/24/2021	ND	1.92	95.9	2.00	7.02	
Toluene*	<0.050	0.050	05/24/2021	ND	1.96	98.2	2.00	7.02	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.96	98.1	2.00	6.35	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	6.05	101	6.00	7.66	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8000	16.0	05/25/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	216	108	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	226	113	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	93.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	91.7	% 38.9-14	2						

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05/19/2021

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date:

Reported: 05/25/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: DEF 3 @ 6" (H211319-13)

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	05/24/2021	ND	1.92	95.9	2.00	7.02	
Toluene*	<0.050	0.050	05/24/2021	ND	1.96	98.2	2.00	7.02	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.96	98.1	2.00	6.35	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	6.05	101	6.00	7.66	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11100	16.0	05/25/2021	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	216	108	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	226	113	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	96.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	93.4	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date: 05/19/2021

Reported: 05/25/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: DEF 1 @ 5' (H211319-14)

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	05/24/2021	ND	1.92	95.9	2.00	7.02	
Toluene*	<0.050	0.050	05/24/2021	ND	1.96	98.2	2.00	7.02	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.96	98.1	2.00	6.35	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	6.05	101	6.00	7.66	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/25/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	216	108	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	226	113	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	87.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	85.2	% 38.9-14	2						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date: 05/19/2021

Reported: 05/25/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Tamara Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: DEF 2 @ 5' (H211319-15)

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	05/24/2021	ND	1.92	95.9	2.00	7.02	
Toluene*	<0.050	0.050	05/24/2021	ND	1.96	98.2	2.00	7.02	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.96	98.1	2.00	6.35	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	6.05	101	6.00	7.66	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/25/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	216	108	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	226	113	200	0.343	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	91.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	88.5	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date: 05/19/2021

Reported: 05/25/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Tamara Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: DEF 3 @ 5' (H211319-16)

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	05/24/2021	ND	1.92	95.9	2.00	7.02	
Toluene*	<0.050	0.050	05/24/2021	ND	1.96	98.2	2.00	7.02	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.96	98.1	2.00	6.35	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	6.05	101	6.00	7.66	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/25/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	208	104	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	159	79.4	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	87.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	85.8	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/20/2021 Samp

 Received:
 05/20/2021
 Sampling Date:
 05/20/2021

 Reported:
 05/25/2021
 Sampling Type:
 Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: NHD @ SURFACE (H211319-17)

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	05/24/2021	ND	2.07	103	2.00	10.6	
Toluene*	<0.050	0.050	05/24/2021	ND	2.02	101	2.00	11.4	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.92	95.9	2.00	13.2	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	5.81	96.8	6.00	12.4	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500CI-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	05/25/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	208	104	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	159	79.4	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	91.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	89.2	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date: 05/20/2021

Reported: 05/25/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Tamara Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: NHD @ 1' (H211319-18)

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	05/24/2021	ND	2.07	103	2.00	10.6	
Toluene*	<0.050	0.050	05/24/2021	ND	2.02	101	2.00	11.4	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.92	95.9	2.00	13.2	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	5.81	96.8	6.00	12.4	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/25/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	208	104	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	159	79.4	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	91.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	90.6	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date: 05/20/2021

Reported: 05/25/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Tamara Oldaker

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: EHD @ SURFACE (H211319-19)

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	05/24/2021	ND	2.07	103	2.00	10.6	
Toluene*	<0.050	0.050	05/24/2021	ND	2.02	101	2.00	11.4	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.92	95.9	2.00	13.2	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	5.81	96.8	6.00	12.4	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	gate: 4-Bromofluorobenzene (PID 110 % 69.9-1-		0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/25/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	208	104	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	159	79.4	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	93.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	92.0	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date: 05/20/2021

Reported: 05/25/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 14014 Sample Received By:

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: EHD @ 1' (H211319-20)

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	05/24/2021	ND	2.07	103	2.00	10.6	
Toluene*	<0.050	0.050	05/24/2021	ND	2.02	101	2.00	11.4	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.92	95.9	2.00	13.2	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	5.81	96.8	6.00	12.4	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	rrogate: 4-Bromofluorobenzene (PID 109 % 69.9-1-		0						
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	05/25/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	208	104	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	159	79.4	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	95.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	93.7	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date: 05/20/2021

Reported: 05/25/2021 Sampling Type: Soil Project Name: **HUCKLEBERRY 22 STATE COM CTB**

Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Tamara Oldaker

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: WHD @ SURFACE (H211319-21)

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	05/24/2021	ND	2.07	103	2.00	10.6	
Toluene*	<0.050	0.050	05/24/2021	ND	2.02	101	2.00	11.4	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.92	95.9	2.00	13.2	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	5.81	96.8	6.00	12.4	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	rrogate: 4-Bromofluorobenzene (PID 110 % 69.9-1-		0						
Chloride, SM4500CI-B	oride, 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	05/25/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	208	104	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	159	79.4	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	93.1 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	94.3 9	38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Applyzod By: MC

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/20/2021 Sampling Date: 05/20/2021

Reported: 05/25/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: WHD @ 1' (H211319-22)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2021	ND	2.07	103	2.00	10.6	
Toluene*	<0.050	0.050	05/24/2021	ND	2.02	101	2.00	11.4	
Ethylbenzene*	<0.050	0.050	05/24/2021	ND	1.92	95.9	2.00	13.2	
Total Xylenes*	<0.150	0.150	05/24/2021	ND	5.81	96.8	6.00	12.4	
Total BTEX	<0.300	0.300	05/24/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	rogate: 4-Bromofluorobenzene (PID 111 % 69.9-1-		0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/25/2021	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/24/2021	ND	208	104	200	2.18	
DRO >C10-C28*	<10.0	10.0	05/24/2021	ND	159	79.4	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	05/24/2021	ND					
Surrogate: 1-Chlorooctane	98.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	97.9	% 38.9-14	2						

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Notes and Definitions

QR-04 The RPD for the BS/BSD was outside of historical limits.

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Page 25 of 27

Received by OCD: 7/12/2021 10:23:43 AM

EAR

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name: Etech Environmental & Safety Solutions, Inc.						BILL TO								ANAL	YSIS	RE	QUE	ST				
Project Manage	Toul Lowry					P	.0. #.															
Address: P.O				1		С	Company: (DNOLE P.				4.1/400											
City: Lovingto	on State: NM	Zip	: 88	260		A	ttn:															
Phone #: (575	5) 396-2378 Fax #: (575) 3	96-1	429			A	Address:									ĺ					1	
Project #: 14014 Project Owner: Cono co Ph.//ps Project Name: Huckleberry 22 State am (TB				25 C	City:																	
Project Name:	Huckleherry 22 State a	0	(TB	11	s	tate:		Z	Zip:		•	5M)	21B								
Project Location	is Pucal Lea quatr av	n				P	hone	#:				Chloride	801	(80								
Sampler Name:	": Rural Lea county, av					F	ax #:					등	IPH (8015M)	BTEX (8021B)								
FOR LAB USE ONLY		T		M	ATR	IX	PRI	SEF	RV.	SAMPLI	VG.		F	B								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	200	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME											
1	FLIES'	C	ī		1		T	X	1	5/19/21		×	X	X								
2	FLZES	C	(C			X	T	7/19/21		X	K	X								
3	FL3@5'	C	1	Y				X	(5/19/21		x	X	X								
4	FL4@5	C	(X				K	-	5/20/21		X	X	X								
5	FL 5 @5'	C	1	1	(X		5/20/21		X	X	×								
6	FL 6/05'	C	1	1				X	. !	5/20/21		X	X	X								
7	FL1@5	C	5		K		_	(5/20/21		X	X	X								
	ww3	C	T	1	C			x		120/21		X	X	1					-	_		
9	WWI	5	1					K	-	2/20/21		X	X	X	-			_	-			
10	SWI	10	1		X			X	_	5/20/21		X	X	X								
	705 y: oate:	Gardine	ed wark nut timil et, rega ecet	ed unless mad allon, business	e in w interr	etting and re uptions, loss	coved D s of use,	y Cardi or loss	of pro	hin 30 days after incurred by c	r completion of t lient, its subsidia	he applica ries, se. esult: it:	O Y		No No	Add'l I		#:				
	Time: : (Circle One) - Bus - Other: 24ec 4	EII	3	Cool	In	ondition tact Yes	_[lesitio		Please 6	email ı	result	s to p	m@et	echen	v.com	n.				

FORM-006 Revision 1.0

RDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solution	6										-		
The state of the s	ons, li	nc.	E	ILL TO		ANALYSIS REQUEST							
Address: P.O. Box 301			P.O. #:										
			Company:	Conoco PI	hilhps								
City: Lovington State: NM Z	ip: 8	8260	Attn:										
Phone #: (575) 396-2378 Fax #: (575) 396	3-142	29	Address:										
Project #: 19019 Project Owner:	Conn	r. 26.11.05	City:										
Project Name: Huckle being 21 state man (-13	20/211117	State:	7:		1	Î	8					
Speci Location. Kural Lan Co.	V					흥	151	(8021B)					
Sampler Name: Miguel Romire			Phone #:			Chloride	FPH (8015M)	× (8					
FOR LAB USE ONLY	_	MATRIX	Fax #:	V. SAMPLII	100	ū	F	втех					
		Mainia	PRESER	V. SAMPLII	NG		-	-					
	CONTAINERS	E E											1
Lab I.D. Sample I.D.	NA PA	ATE	<u>ui -</u>									1 1	
1/	MAN	GE GE	BAS COO										
H211319	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACID/BASE. ICE / COOL	DATE	TIME								
11 DEF 106"	-	χ χ	X	5/19/21	TIME	X	×	X	+	+	+-+	++	_
13 DEFZ(06"	-	Y	X	5/19/21		x	×	×	+-+	-	+	+++	
13 DE F3 (06'		X	X	5/19/21		X	×	Y	-	-	1	+++	
14 DEF 1 (25'	-	X	K	9/9/21		X	K	X	+++	_	+	++	-
15 DEF 2 @5'	1	X	X	5/19/21		X	X	X	+++	-	++	++	
16 DEF3 (05'	1	1	K	5/19/21		X	×	X	-		1	+ +	
17 NHO @ gorace	7	X	X	\$ [20/21		x	X	X	+++	-	++	+ +	
18 MHD (01,		l v	X	5/20/21		Y	V	X	+++	1	+	11	-
17 tho porface		1	X	5/20/21		X	X	X	+++	-	1	1	
20 EHO @ 11		1 2	1	1. 1.1		6	V	X		-	1	1	
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mines of successors againg out of or related to the medacone	out limits	ation, business interruptions, k	oss of use, or loss of	profits incurred by cl	ient, its subsidiar	ies,	le						
elinquished By: Date: Right Structure of Services hereunder by Cardin	eceiv	ved By:	is based upon any of	the above stated rea	Phone Res	e sult:	☐ Ye	s D No	Add'l Ph	one #:			
Time:		10	. [/]/	11/1	REMARKS		□ Ye	s 🗆 No	Add'i Fa	x#:			
Plinquished By: Time: 705	acois	yed By:	Kilde	MAC	- Tarre								
	ccerv	ved by:											
Delivered By: (Circle One)				1	Please e	mail re	etille	to pm@	etechenv.	com			
	1	Sample Condition		KED BY:	10030 6	all 10	Julio	to pring	, otoorony,				
ampler - UPS - Bus - Other: 2.6c #/	1/2	Tes Yes	(In	itials)									
FORM-006	10	NO NO	Y										

Revision 1.0



RDINAL LABORATORIES

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

CHAIN-OF-CUSTO	DY AND	ANALYSIS	REQUEST

(10F2)

Company Name: Etech Environmental & Safet	y Solutions, Inc.			BI	LL TO					ANA	LYSIS	REQ	UEST	
Project Manager: Tool Lowry			P.O. #:											
Address: P.O. Box 301			Compa	any: C	onu co 1	Ph. Hips								
City: Lovington State: I	NM Zip: 88260		Attn:											
	(575) 396-1429		Addres	ss:										
Project #: 14014 Project	Owner: Conoco Ph	111.45	City:											
Project Name: Huckle berry 22 stat	e com CTB		State:		Zip:		e	5M)	21B					
Project Location: Rural Lea County, A			Phone	#:			Chloride	TPH (8015M)	BTEX (8021B)		1 1			
Sampler Name: Migne 1 Rumine			Fax #:				당	H.	E					
R LAB USE ONLY		MATRIX	PRE	SERV.	SAMPL	ING	=	1	18				1 1	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER	SOIL	OTHER :	ICE / COOL OTHER :	DATE	TIME								
2/ WHO DSUFFACE	61	X		X	5/20/21		X	X	×					
22 W 40 Q1'	GI	X		X	5/20/21		X	K	X					
							X	X	×					
			-							_	-			_
	-		-			-	-			-	+	-		
			-	-		-	-	-	-	-	+	-		_
		+++	++-		-	-	-			-	+	-	-	_
		+++	+	-	-	-	-		-	-	+-	-		_
		+++		-	-	-	-	-		+	+			_
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive r	emedy for any claim arising whether	r based in contra	ct or tort, shall	be limited	to the amount pa	id by the client for	the							_
analyses. All claims including those for negligence and any other cause whatlanes service. In no event shall Cardinal be fiable for incidental or consequented damage affiliates or successors arising out or related to the performance of services he Relinquished By: Date: Time: Delivered By: (Circle One)	ns, including without limitation, businessed by Cardinal, regardless of the Cardinal Received Bases of the Rec	whether such clair y: /// Clair // Cla	ition	or loss of pon any of the	wrollis incurred by the above stated in KED BY:	client, its subsidie	ries, ise. esult: ilt: S:	□ Ye	s 🗆 N	o Add	'I Phone #			
Sampler - UPS - Bus - Other: 2.4	#113	ves 2 Y	es No	(Ini	tials)									
FORM-006 Revision 1.0	† Cardinal canno	accept v	erbal cha	anges	. Please fa	x written	chang	es to	575-393-	2476				

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



May 28, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: HUCKLEBERRY 22 STATE COM CTB

Enclosed are the results of analyses for samples received by the laboratory on 05/26/21 8:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/26/2021 Sampling Date: 05/24/2021

Reported: 05/28/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Project Number: 14014 Sample Received By: Tamara Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 8 @ 5' (H211345-01)

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	05/26/2021	ND	1.99	99.5	2.00	8.02	
Toluene*	<0.050	0.050	05/26/2021	ND	1.95	97.6	2.00	7.52	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.86	92.8	2.00	8.58	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.60	93.3	6.00	8.58	
Total BTEX	<0.300	0.300	05/26/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/27/2021	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	200	100	200	0.455	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	206	103	200	0.895	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	88.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	89.4	% 38.9-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/26/2021 Sampling Date: 05/24/2021

Reported: 05/28/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Tamara Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 9 @ 5' (H211345-02)

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	05/26/2021	ND	1.99	99.5	2.00	8.02	
Toluene*	<0.050	0.050	05/26/2021	ND	1.95	97.6	2.00	7.52	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.86	92.8	2.00	8.58	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.60	93.3	6.00	8.58	
Total BTEX	<0.300	0.300	05/26/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/27/2021	ND	400	100	400	7.69	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	200	100	200	0.455	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	206	103	200	0.895	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	94.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	96.6	% 38.9-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/26/2021 Sampling Date: 05/24/2021

Reported: 05/28/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Tamara Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 10 @ 3' (H211345-03)

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	05/26/2021	ND	1.99	99.5	2.00	8.02	
Toluene*	<0.050	0.050	05/26/2021	ND	1.95	97.6	2.00	7.52	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.86	92.8	2.00	8.58	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.60	93.3	6.00	8.58	
Total BTEX	<0.300	0.300	05/26/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/27/2021	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2021	ND	208	104	200	0.0578	
DRO >C10-C28*	<10.0	10.0	05/27/2021	ND	228	114	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	05/27/2021	ND					
Surrogate: 1-Chlorooctane	75.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	76.0	% 38.9-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/26/2021 Sampling Date: 05/24/2021

Reported: 05/28/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Tamara Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 11 @ 3' (H211345-04)

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	05/26/2021	ND	1.99	99.5	2.00	8.02	
Toluene*	<0.050	0.050	05/26/2021	ND	1.95	97.6	2.00	7.52	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.86	92.8	2.00	8.58	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.60	93.3	6.00	8.58	
Total BTEX	<0.300	0.300	05/26/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/27/2021	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	05/27/2021	ND	208	104	200	0.0578	
DRO >C10-C28*	<10.0	10.0	05/27/2021	ND	228	114	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	05/27/2021	ND					
Surrogate: 1-Chlorooctane	94.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	97.1	% 38.9-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/26/2021 Sampling Date: 05/24/2021

Reported: 05/28/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: FL 12 @ 5' (H211345-05)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/26/2021	ND	1.99	99.5	2.00	8.02	
Toluene*	<0.050	0.050	05/26/2021	ND	1.95	97.6	2.00	7.52	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.86	92.8	2.00	8.58	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.60	93.3	6.00	8.58	
Total BTEX	<0.300	0.300	05/26/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/27/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2021	ND	208	104	200	0.0578	
DRO >C10-C28*	<10.0	10.0	05/27/2021	ND	228	114	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	05/27/2021	ND					
Surrogate: 1-Chlorooctane	98.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	101	% 38.9-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/26/2021 Sampling Date: 05/24/2021

Reported: 05/28/2021 Sampling Type: Soil
Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: FL 13 @ 5' (H211345-06)

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	05/26/2021	ND	1.99	99.5	2.00	8.02	
Toluene*	<0.050	0.050	05/26/2021	ND	1.95	97.6	2.00	7.52	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.86	92.8	2.00	8.58	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.60	93.3	6.00	8.58	
Total BTEX	<0.300	0.300	05/26/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/27/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2021	ND	208	104	200	0.0578	
DRO >C10-C28*	<10.0	10.0	05/27/2021	ND	228	114	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	05/27/2021	ND					
Surrogate: 1-Chlorooctane	94.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	96.3	% 38.9-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/26/2021 Sampling Date: 05/24/2021

Reported: 05/28/2021 Sampling Type: Soil
Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Coo

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: CONOCO PHILLIPS - LEA CO NM

mg/kg

Sample ID: EW 1 (H211345-07)

BTEX 8021B

DIEX GOZID	ıııg,	K9	Alldiyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/26/2021	ND	1.99	99.5	2.00	8.02	
Toluene*	<0.050	0.050	05/26/2021	ND	1.95	97.6	2.00	7.52	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.86	92.8	2.00	8.58	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.60	93.3	6.00	8.58	
Total BTEX	<0.300	0.300	05/26/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/27/2021	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2021	ND	208	104	200	0.0578	
DRO >C10-C28*	<10.0	10.0	05/27/2021	ND	228	114	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	05/27/2021	ND					
Surrogate: 1-Chlorooctane	93.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	95.0	% 38.9-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/26/2021 Sampling Date: 05/24/2021

Reported: 05/28/2021 Sampling Type: Soil Project Name: **HUCKLEBERRY 22 STATE COM CTB**

Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Tamara Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 14 @ 4' (H211345-08)

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	05/26/2021	ND	1.99	99.5	2.00	8.02	
Toluene*	<0.050	0.050	05/26/2021	ND	1.95	97.6	2.00	7.52	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.86	92.8	2.00	8.58	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.60	93.3	6.00	8.58	
Total BTEX	<0.300	0.300	05/26/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	05/27/2021	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	05/27/2021	ND	208	104	200	0.0578	
DRO >C10-C28*	<10.0	10.0	05/27/2021	ND	228	114	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	05/27/2021	ND					
Surrogate: 1-Chlorooctane	95.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	97.2	% 38.9-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/26/2021 Sampling Date: 05/25/2021

Reported: 05/28/2021 Sampling Type: Soil Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact

Sample Received By: Project Number: 14014 Tamara Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 15 @ 5' (H211345-09)

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	05/26/2021	ND	1.99	99.5	2.00	8.02	
Toluene*	<0.050	0.050	05/26/2021	ND	1.95	97.6	2.00	7.52	
Ethylbenzene*	<0.050	0.050	05/26/2021	ND	1.86	92.8	2.00	8.58	
Total Xylenes*	<0.150	0.150	05/26/2021	ND	5.60	93.3	6.00	8.58	
Total BTEX	<0.300	0.300	05/26/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/27/2021	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	05/27/2021	ND	208	104	200	0.0578	
DRO >C10-C28*	<10.0	10.0	05/27/2021	ND	228	114	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	05/27/2021	ND					
Surrogate: 1-Chlorooctane	95.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	96.7	% 38.9-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/26/2021 Sampling Date: 05/25/2021

Reported: 05/28/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: CONOCO PHILLIPS - LEA CO NM

mg/kg

Sample ID: FL 16 @ 5' (H211345-10)

BTEX 8021B

	9/	9	7111411720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/27/2021	ND	1.96	97.8	2.00	5.76	
Toluene*	<0.050	0.050	05/27/2021	ND	2.02	101	2.00	6.71	
Ethylbenzene*	<0.050	0.050	05/27/2021	ND	1.95	97.4	2.00	7.21	
Total Xylenes*	<0.150	0.150	05/27/2021	ND	5.81	96.9	6.00	7.40	
Total BTEX	<0.300	0.300	05/27/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/27/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/27/2021	ND	208	104	200	0.0578	
DRO >C10-C28*	<10.0	10.0	05/27/2021	ND	228	114	200	1.38	
EXT DRO >C28-C36	<10.0	10.0	05/27/2021	ND					
Surrogate: 1-Chlorooctane	97.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	98.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

ARDINA

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name	e: Etech Environmental & Safety Solu	tions	, In	C.					B	ILL TO						AN	IAL	/SIS	RE	QUE	ST		
Project Manage	er: Soul Lowry						P.O.	#:							T			T					
Address: P.C	D. Box 301						Con	npar	ıy:	Monoco 1	Phillips	1				- 1							
City: Lovingt	on State: NM	Zip	: 88	260			Attn		-														
Phone #: (57	(5) 396-2378 Fax #: (575)	396-1	429)			Add	ress	:														
Project #:	14014 Project Owne	r: E	be	oco Pi	(.)	lie	City	:						1									
Project Name:	Hockleberry 22 State Co	m	(TB			State			Zip:			SM)	0									
Project Locatio	n: Pural Lea County NA	1					Pho	ne il	: :			Ë	301	00	00		-1						
Sampler Name:	Hockleberry 22 state con: Poral Lea County, NA Myuel Ramirez						Fax		-			Chloride	TPH (8015M)	DTEV (00034D)	4								
FOR LAB USE ONLY		T		MA	TR	_		RES	ER	V. SAMPLI	NG	Ĭ	로	E									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL	lio	SLUDGE	OTHER:	ACID/BASE	OTHER.	DATE	TIME												
1	FL 8 @ 5'	C	1	Y			7	X		5/24/21		X	X	X		1	1						
2	FL9 @5'	C	E	1	1		1	Y		5/24/21		K	X	X		1	1						
	EL 10 @3"	C	1	K				X		5/24/21		X	X	X			1						
4	FL 11 @ 3"	c	(1 V				X		5/24/21		X	X	X									
5	FL1205'	C	(X				γ		5/24/21		X	X	1	X								
4	FL13@5'	C	1	1				7	9	5/2421		ľχ	X	1>									
7	EWI	C	1	X				1)		5/24/21		X	X	X									
8	FL 1404'	C	į	X				Y		5/24/21		K	X		C								
9	FLIS@S'	5	(X	+			X		5/25/21		N	X	X									
10	FL16651	1	1	X			1	1	4	5/25/21		X	X	17									
analyses. All claims includi service. In no event shall C affiliates or successors arisi Relinquished By Relinquished By	7 Time: 850 Date: Time:	without ardinal	t fimits regar Celv	ed unless made i ation, business in	in wd	iling and s ptions, los	s of us	d by Ca ie, or lo	rdine es of	validain 30 days after profile incurred by of the above stated res	r completion of th tent, its subsidied	e applications, e. sult:	□ Yo	es	□ No	Ad	d'I Fa					 450	
	Circle One) - Bus - Other: 4.8e 4	41.	3	Sample Cool Yes	Int	Yes	n		(ln	KED BY: itials)													

FORM-006 Revision 1.0

Received by OCD: 7/12/2021 10:23:43 AM

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



June 03, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: HUCKLEBERRY 22 STATE COM CTB

Enclosed are the results of analyses for samples received by the laboratory on 05/28/21 16:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

 Received:
 05/28/2021
 Sampling Date:
 05/26/2021

 Reported:
 06/03/2021
 Sampling Type:
 Soil

Reported: 06/03/2021 Sampling Type: Soil
Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: FL 17 @ 2' (H211384-01)

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	06/01/2021	ND	1.99	99.4	2.00	1.47	
Toluene*	<0.050	0.050	06/01/2021	ND	2.13	106	2.00	1.73	
Ethylbenzene*	<0.050	0.050	06/01/2021	ND	2.09	105	2.00	3.23	
Total Xylenes*	<0.150	0.150	06/01/2021	ND	6.20	103	6.00	2.49	
Total BTEX	<0.300	0.300	06/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/01/2021	ND	215	107	200	2.86	
DRO >C10-C28*	<10.0	10.0	06/01/2021	ND	232	116	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	06/01/2021	ND					
Surrogate: 1-Chlorooctane	71.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	72.6	% 38.9-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/28/2021 Sampling Date: 05/26/2021

Reported: 06/03/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: CONOCO PHILLIPS - LEA CO NM

mg/kg

Sample ID: FL 18 @ 2' (H211384-02)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2021	ND	1.99	99.4	2.00	1.47	
Toluene*	<0.050	0.050	06/01/2021	ND	2.13	106	2.00	1.73	
Ethylbenzene*	<0.050	0.050	06/01/2021	ND	2.09	105	2.00	3.23	
Total Xylenes*	<0.150	0.150	06/01/2021	ND	6.20	103	6.00	2.49	
Total BTEX	<0.300	0.300	06/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/01/2021	ND	215	107	200	2.86	
DRO >C10-C28*	<10.0	10.0	06/01/2021	ND	232	116	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	06/01/2021	ND					
Surrogate: 1-Chlorooctane	73.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	76.4	% 38.9-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/28/2021 Sampling Date: 05/27/2021

Reported: 06/03/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14014

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 19 @ 5' (H211384-03)

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	06/01/2021	ND	1.98	99.0	2.00	3.86	
Toluene*	<0.050	0.050	06/01/2021	ND	2.04	102	2.00	5.17	
Ethylbenzene*	<0.050	0.050	06/01/2021	ND	1.97	98.6	2.00	7.90	
Total Xylenes*	<0.150	0.150	06/01/2021	ND	5.90	98.3	6.00	6.32	
Total BTEX	<0.300	0.300	06/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/01/2021	ND	215	107	200	2.86	
DRO >C10-C28*	<10.0	10.0	06/01/2021	ND	232	116	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	06/01/2021	ND					
Surrogate: 1-Chlorooctane	73.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	76.6	% 38.9-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/28/2021 Sampling Date: 05/27/2021

Reported: 06/03/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Tamara Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 20 @ 5' (H211384-04)

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	06/01/2021	ND	1.98	99.0	2.00	3.86	
Toluene*	<0.050	0.050	06/01/2021	ND	2.04	102	2.00	5.17	
Ethylbenzene*	<0.050	0.050	06/01/2021	ND	1.97	98.6	2.00	7.90	
Total Xylenes*	<0.150	0.150	06/01/2021	ND	5.90	98.3	6.00	6.32	
Total BTEX	<0.300	0.300	06/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	06/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/01/2021	ND	215	107	200	2.86	
DRO >C10-C28*	<10.0	10.0	06/01/2021	ND	232	116	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	06/01/2021	ND					
Surrogate: 1-Chlorooctane	71.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	74.1	% 38.9-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/28/2021 Sampling Date: 05/27/2021

Reported: 06/03/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: CONOCO PHILLIPS - LEA CO NM

mg/kg

Sample ID: FL 21 @ 5' (H211384-05)

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	06/01/2021	ND	1.98	99.0	2.00	3.86	
Toluene*	<0.050	0.050	06/01/2021	ND	2.04	102	2.00	5.17	
Ethylbenzene*	<0.050	0.050	06/01/2021	ND	1.97	98.6	2.00	7.90	
Total Xylenes*	<0.150	0.150	06/01/2021	ND	5.90	98.3	6.00	6.32	
Total BTEX	<0.300	0.300	06/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/01/2021	ND	215	107	200	2.86	
DRO >C10-C28*	<10.0	10.0	06/01/2021	ND	232	116	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	06/01/2021	ND					
Surrogate: 1-Chlorooctane	70.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	71.7	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/28/2021 Sampling Date: 05/27/2021

Reported: 06/03/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Tamara Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 22 @ 5' (H211384-06)

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	06/01/2021	ND	1.98	99.0	2.00	3.86	
Toluene*	<0.050	0.050	06/01/2021	ND	2.04	102	2.00	5.17	
Ethylbenzene*	<0.050	0.050	06/01/2021	ND	1.97	98.6	2.00	7.90	
Total Xylenes*	<0.150	0.150	06/01/2021	ND	5.90	98.3	6.00	6.32	
Total BTEX	<0.300	0.300	06/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/01/2021	ND	215	107	200	2.86	
DRO >C10-C28*	<10.0	10.0	06/01/2021	ND	232	116	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	06/01/2021	ND					
Surrogate: 1-Chlorooctane	70.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	73.0	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 05/28/2021 Sampling Date: 05/28/2021

Reported: 06/03/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 14014

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 23 @ 4' (H211384-07)

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	06/01/2021	ND	1.98	99.0	2.00	3.86	
Toluene*	<0.050	0.050	06/01/2021	ND	2.04	102	2.00	5.17	
Ethylbenzene*	<0.050	0.050	06/01/2021	ND	1.97	98.6	2.00	7.90	
Total Xylenes*	<0.150	0.150	06/01/2021	ND	5.90	98.3	6.00	6.32	
Total BTEX	<0.300	0.300	06/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/01/2021	ND	215	107	200	2.86	
DRO >C10-C28*	<10.0	10.0	06/01/2021	ND	232	116	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	06/01/2021	ND					
Surrogate: 1-Chlorooctane	71.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	72.9	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/28/2021 Sampling Date: 05/28/2021

Reported: 06/03/2021 Sampling Type: Soil
Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Coo

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: CONOCO PHILLIPS - LEA CO NM

mg/kg

Sample ID: FL 24 @ 4' (H211384-08)

BTEX 8021B

	9/	9	71.14.1, = 0						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2021	ND	1.98	99.0	2.00	3.86	
Toluene*	<0.050	0.050	06/01/2021	ND	2.04	102	2.00	5.17	
Ethylbenzene*	<0.050	0.050	06/01/2021	ND	1.97	98.6	2.00	7.90	
Total Xylenes*	<0.150	0.150	06/01/2021	ND	5.90	98.3	6.00	6.32	
Total BTEX	<0.300	0.300	06/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/01/2021	ND	215	107	200	2.86	
DRO >C10-C28*	<10.0	10.0	06/01/2021	ND	232	116	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	06/01/2021	ND					
Surrogate: 1-Chlorooctane	73.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	72.3	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/28/2021 Sampling Date: 05/28/2021

Reported: 06/03/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: CONOCO PHILLIPS - LEA CO NM

mg/kg

Sample ID: FL 25 @ 5' (H211384-09)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2021	ND	1.98	99.0	2.00	3.86	
Toluene*	<0.050	0.050	06/01/2021	ND	2.04	102	2.00	5.17	
Ethylbenzene*	<0.050	0.050	06/01/2021	ND	1.97	98.6	2.00	7.90	
Total Xylenes*	<0.150	0.150	06/01/2021	ND	5.90	98.3	6.00	6.32	
Total BTEX	<0.300	0.300	06/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/01/2021	ND	215	107	200	2.86	
DRO >C10-C28*	<10.0	10.0	06/01/2021	ND	232	116	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	06/01/2021	ND					
Surrogate: 1-Chlorooctane	70.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	68.9	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/28/2021 Sampling Date: 05/28/2021

Reported: 06/03/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: CONOCO PHILLIPS - LEA CO NM

mg/kg

Sample ID: FL 26 @ 5' (H211384-10)

BTEX 8021B

DIEX GOZID	11197	, kg	Alldiyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2021	ND	1.98	99.0	2.00	3.86	
Toluene*	<0.050	0.050	06/01/2021	ND	2.04	102	2.00	5.17	
Ethylbenzene*	<0.050	0.050	06/01/2021	ND	1.97	98.6	2.00	7.90	
Total Xylenes*	<0.150	0.150	06/01/2021	ND	5.90	98.3	6.00	6.32	
Total BTEX	<0.300	0.300	06/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2021	ND	206	103	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/02/2021	ND	213	107	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/02/2021	ND					
Surrogate: 1-Chlorooctane	84.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	86.6	% 38.9-14	2						

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Tamara Oldaker

Sample Received By:

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Applyzod By: MC

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/28/2021 Sampling Date: 05/28/2021

Reported: 06/03/2021 Sampling Type: Soil
Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact

Project Number: 14014

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: FL 27 @ 5' (H211384-11)

RTFY 8021R

BIEX 8021B	mg	/ Kg	Analyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2021	ND	1.98	99.0	2.00	3.86	
Toluene*	<0.050	0.050	06/01/2021	ND	2.04	102	2.00	5.17	
Ethylbenzene*	<0.050	0.050	06/01/2021	ND	1.97	98.6	2.00	7.90	
Total Xylenes*	<0.150	0.150	06/01/2021	ND	5.90	98.3	6.00	6.32	
Total BTEX	<0.300	0.300	06/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2021	ND	206	103	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/02/2021	ND	213	107	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/02/2021	ND					
Surrogate: 1-Chlorooctane	76.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	78.7	% 38.9-14	12						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/28/2021 Sampling Date: 05/28/2021

Reported: 06/03/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Tamara Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 28 @ 5' (H211384-12)

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	06/01/2021	ND	1.98	99.0	2.00	3.86	
Toluene*	<0.050	0.050	06/01/2021	ND	2.04	102	2.00	5.17	
Ethylbenzene*	<0.050	0.050	06/01/2021	ND	1.97	98.6	2.00	7.90	
Total Xylenes*	<0.150	0.150	06/01/2021	ND	5.90	98.3	6.00	6.32	
Total BTEX	<0.300	0.300	06/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500CI-B	ide, SM4500Cl-B mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2021	ND	206	103	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/02/2021	ND	213	107	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/02/2021	ND					
Surrogate: 1-Chlorooctane	84.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	84.2	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/28/2021 Sampling Date: 05/28/2021

Reported: 06/03/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: CONOCO PHILLIPS - LEA CO NM

mg/kg

Sample ID: FL 29 @ 5' (H211384-13)

BTEX 8021B

DILX GOZID	ilig/	, kg	Alldiyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/01/2021	ND	1.98	99.0	2.00	3.86	
Toluene*	<0.050	0.050	06/01/2021	ND	2.04	102	2.00	5.17	
Ethylbenzene*	<0.050	0.050	06/01/2021	ND	1.97	98.6	2.00	7.90	
Total Xylenes*	<0.150	0.150	06/01/2021	ND	5.90	98.3	6.00	6.32	
Total BTEX	<0.300	0.300	06/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2021	ND	206	103	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/02/2021	ND	213	107	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/02/2021	ND					
Surrogate: 1-Chlorooctane	81.1	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	81.6	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 05/28/2021 Sampling Date: 05/28/2021

Reported: 06/03/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Tamara Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 30 @ 5' (H211384-14)

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	06/01/2021	ND	1.98	99.0	2.00	3.86	
Toluene*	<0.050	0.050	06/01/2021	ND	2.04	102	2.00	5.17	
Ethylbenzene*	<0.050	0.050	06/01/2021	ND	1.97	98.6	2.00	7.90	
Total Xylenes*	<0.150	0.150	06/01/2021	ND	5.90	98.3	6.00	6.32	
Total BTEX	<0.300	0.300	06/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	oride, SM4500Cl-B mg/kg								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/01/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2021	ND	206	103	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/02/2021	ND	213	107	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	06/02/2021	ND					
Surrogate: 1-Chlorooctane	77.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	78.5	% 38.9-14	2						

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celey D. Keene

ARDINAL LA 101 East Maria

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Name	: Etech Environmental & Safety Solu	tions	, Inc	· .							81	LL TO		-					AN	AL'	/SIS	RE	EQUE	EST				
Project Manage	r. Jeel Lowry							P.	0.#	:							T			T	T							
Address: P.C	D. Box 301							Co	mp	any	:Co	onoco Ph	ill.	25														
City: Lovingto	State: NM	Zip	: 88	260				At																				
Phone #: (57:	5) 396-2378 Fax #: (575) 3	96-1	429					Ad	idre	SS:																		
Project #:	fo19 Project Owne	F. (1001	da	lips	5		Cit	ty:								1-											
Project Name:	Huckberry 22 State 00	M	C	TE				St	ate:			Zip:			9	5M)	2 Z											
Project Location	n: Rural Lea county, NV	4						Ph	one	#:					Chloride	801	08/											
Sampler Name:	Miguel Parmirez							Fa	x #:						5	TPH (8015M)	ETEX (8021B)											
FOR LAB USE ONLY			Г		M	ATR	IX	_	PR	ESE	RV.	SAMP	LIN	G	1	F	a	5										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE		TIME														
(FL 17 @ 2'	C	1		2					K		5/24/21	I		X	X	Y											
2	EL 19 65,	C	1			X				X		5/26/21			K	X	X											
3	FL19 @5'	C	1			Y				X		5/27/21			X	X	X											
4	FL 20 6 5	C	1			1			L	X	_	5/27/21	1		X	X	1	4	-	1			-	-			-	
5	F1.21@5	C	1		1	(-	-		x		5/27/2	_		Y	1	1/8		-	-			-	+	-	-	-	
6	FL 22 @5"	0	1		-	X	-	-		X	-	6/27/21	_		X	X	X	-	-	+	-		+	-	-	-	+	
7	FL23@4"	K	1		-	Y	-	-	⊢	X		5/28/21			X	X	X	-	-	+	-		+	+	+-	+	-	
8	tc 24(04'	K	1		,	X	+	-	-	X	-	5/28/21	_		X	X	X	+	+	+	-		+-	+	-	+	+	
7	EL 2505'	C	1		-	K	+	-	\vdash	K	-	5/28/3	4		X	Y	X	-	+	+	-	_	+-	+	+	+	+	
PLEASE NOTE: Unbillity of analyses All charms included service in one count shall confidence on the country of	ad Damages. Cardina's liability and client's exclusive (ernedy for ing those for negligence and any other cause whetsoever shall be arched be liable for incidental or consequential damages, including out of or radigled to the performance of service hereauther by the constant of the con	doomi g witho Carolina Re	d walv	ved union, b	estiness or wheth By:	de in w internation	dling an uptions,	d receives of its bas	of une,	or los	dinal v	rollts incurred to	reaso	omptation of t nt, its subsidia	he applica des, se esult: it: S:	O Y	es	□ No	Ad	d'I Fa								
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FORM-006 Revision 1.0

Received by OCD: 7/12/2021 10:23:43 AM

101 East Marland, Hobbs, NM 88240

Released to Imaging: 8/17/2021 2:34:11 PM

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Revision 1.0

	Name: Etech Environmental & Safety Solutions, Inc.								-7	BIL	LTO		ANALYSIS REQUEST								ST		
Project Manage	r. Joel lowred						P	.O. 1	:														
Address: P.O	0. /						C	omp	any	:Co	neco P	halirs											
City: Lovingto	on State: NM	Zip	: 88	260			- 1	ttn:							1								
Phone #: (575	5) 396-2378 Fax #: (575	396-	1429)			A	ddre	SS:														
Project #: 140	Project Own	ner Co	no	co F	26/10	5	c	ity:															
Project Name:	Hockleherry 12 State Peral lea county, Miguel Ramine	Con	. (TB			S	tate:		2	Zip:		9	TPH (8015M)	BTEX (8021B)								
Project Location	: Poval lea counte.	NM					Phone #:					Chloride	801	(80									
Sampler Name:	Miquel Ramirie						E	Fax #:					S P	H	X								
FOR LAB USE ONLY	9	1	Т		MAT	RIX		PR	ESE	RV.	SAMPLI	NG	1	F	B								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE OTHER	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME											
11	F1 27051	6	C		X			1		-	5/28/21		Y	X	x								
12	FL 29051 FL 29051	C	1		X						5/28/0		X	1	X								
13	FL29851	C	1		X					5	128/81		X	X	X								
14	FL 30@51	C	1		X						5/28/21		X	X	X								
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LEASE NOTE: Liability an	d Damages. Cardinal's liability and client's exclusive remody	or any cla	im arisi	ng whethe	er based i	in contr	act or to	ort, shall	be fire	nited to	the amount paid	by the client for	the				_	_	_				
nalyses. All claims include	ng those for negligence and any other cause whatsoever shall ardinal be liable for incidental or consequental damages, inclu	be deem	nd walv	ed unless	made in	writing	and rec	nived to	y Card	linal will	hin 30 days after	completion of t	he applical	ble									
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Relinquished By	Time:	R	cei	ved B	ya	ta	de	20	14		XIC												
Delivered By:		#1	13	Co	mple ool l	ntac	1			ECKE (Initia	DBY:	Please e	mail r	esults	s to pi	n@et	echen	v.com	١.				



June 09, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: HUCKLEBERRY 22 STATE COM CTB

Enclosed are the results of analyses for samples received by the laboratory on 06/04/21 16:51.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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 P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/02/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Project Number: 14014 Sample Received By: Brandi Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 31 @ 4' (H211442-01)

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	06/08/2021	ND	1.99	99.3	2.00	1.57	
Toluene*	<0.050	0.050	06/08/2021	ND	2.06	103	2.00	0.360	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	2.01	101	2.00	1.19	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500CI-B	g mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	06/08/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	209	105	200	0.570	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	206	103	200	0.488	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	93.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	89.5	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/02/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Brandi Oldaker

Analyzed By: MS

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: FL 32 @ 4' (H211442-02)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2021	ND	1.99	99.3	2.00	1.57	
Toluene*	<0.050	0.050	06/08/2021	ND	2.06	103	2.00	0.360	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	2.01	101	2.00	1.19	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/08/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	209	105	200	0.570	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	206	103	200	0.488	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	92.9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	89.3	% 38.9-14	2						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/02/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Brandi Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 33 @ 2' (H211442-03)

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	06/08/2021	ND	1.99	99.3	2.00	1.57	
Toluene*	<0.050	0.050	06/08/2021	ND	2.06	103	2.00	0.360	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	2.01	101	2.00	1.19	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 69.9-14	0						
Chloride, SM4500CI-B	mg	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/08/2021	ND	400	100	400	3.92	
TPH 8015M	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.6	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	189	94.5	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	86.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	83.1	% 38.9-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/02/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Brandi Oldaker

Analyzed By: MS

Project Location: CONOCO PHILLIPS - LEA CO NM

mg/kg

Sample ID: FL 34 @ 2' (H211442-04)

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	06/08/2021	ND	1.99	99.3	2.00	1.57	
Toluene*	<0.050	0.050	06/08/2021	ND	2.06	103	2.00	0.360	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	2.01	101	2.00	1.19	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/08/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.6	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	189	94.5	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	91.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	87.5	% 38.9-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/03/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Brandi Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 35 @ 4' (H211442-05)

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	06/08/2021	ND	1.99	99.3	2.00	1.57	
Toluene*	<0.050	0.050	06/08/2021	ND	2.06	103	2.00	0.360	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	2.01	101	2.00	1.19	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
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	06/08/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.6	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	189	94.5	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	89.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	87.3	% 38.9-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/03/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Brandi Oldaker

Analyzed By: MS

Project Location: CONOCO PHILLIPS - LEA CO NM

mg/kg

Sample ID: FL 36 @ 4' (H211442-06)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2021	ND	1.99	99.3	2.00	1.57	
Toluene*	<0.050	0.050	06/08/2021	ND	2.06	103	2.00	0.360	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	2.01	101	2.00	1.19	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	06/08/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.6	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	189	94.5	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	89.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	88.4	% 38.9-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/03/2021

Reported: 06/09/2021 Sampling Type: Soil Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact

Project Number: Sample Received By: 14014 Brandi Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 37 @ 4' (H211442-07)

BTEX 8021B	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2021	ND	1.98	98.8	2.00	1.23	
Toluene*	<0.050	0.050	06/08/2021	ND	2.01	100	2.00	3.72	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	1.96	97.9	2.00	4.35	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	5.87	97.9	6.00	4.20	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	06/08/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.6	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	189	94.5	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	92.0 9	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	91.69	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/03/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Brandi Oldaker

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: FL 38 @ 4' (H211442-08)

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	06/08/2021	ND	1.98	98.8	2.00	1.23	
Toluene*	<0.050	0.050	06/08/2021	ND	2.01	100	2.00	3.72	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	1.96	97.9	2.00	4.35	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	5.87	97.9	6.00	4.20	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	06/08/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.6	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	189	94.5	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	91.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	89.6	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/04/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Brandi Oldaker

Applyzod By: MC

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: FL 39 @ 4' (H211442-09)

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	06/08/2021	ND	1.98	98.8	2.00	1.23	
Toluene*	<0.050	0.050	06/08/2021	ND	2.01	100	2.00	3.72	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	1.96	97.9	2.00	4.35	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	5.87	97.9	6.00	4.20	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/08/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.6	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	189	94.5	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	88.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	86.6	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/04/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Brandi Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 40 @ 4' (H211442-10)

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	06/08/2021	ND	1.98	98.8	2.00	1.23	
Toluene*	<0.050	0.050	06/08/2021	ND	2.01	100	2.00	3.72	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	1.96	97.9	2.00	4.35	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	5.87	97.9	6.00	4.20	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/08/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.6	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	189	94.5	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	87.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	87.3	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/04/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Brandi Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 41 @ 4' (H211442-11)

BTEX 8021B	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2021	ND	1.98	98.8	2.00	1.23	
Toluene*	<0.050	0.050	06/08/2021	ND	2.01	100	2.00	3.72	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	1.96	97.9	2.00	4.35	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	5.87	97.9	6.00	4.20	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/09/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.6	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	189	94.5	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	87.6	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	84.0	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/04/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Brandi Oldaker

Analyzed By: MS

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: FL 42 @ 4' (H211442-12)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2021	ND	1.98	98.8	2.00	1.23	
Toluene*	<0.050	0.050	06/08/2021	ND	2.01	100	2.00	3.72	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	1.96	97.9	2.00	4.35	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	5.87	97.9	6.00	4.20	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/09/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.6	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	189	94.5	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	92.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	89.8	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/04/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Brandi Oldaker

Analyzed By: MS

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: FL 43 @ 4' (H211442-13)

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	06/08/2021	ND	1.98	98.8	2.00	1.23	
Toluene*	<0.050	0.050	06/08/2021	ND	2.01	100	2.00	3.72	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	1.96	97.9	2.00	4.35	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	5.87	97.9	6.00	4.20	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.6	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	189	94.5	200	7.28	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	87.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	84.7	% 38.9-14	22						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/04/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Brandi Oldaker

Analyzed By: MS

Project Location: CONOCO PHILLIPS - LEA CO NM

mg/kg

Sample ID: FL 44 @ 4' (H211442-14)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2021	ND	1.98	98.8	2.00	1.23	
Toluene*	<0.050	0.050	06/08/2021	ND	2.01	100	2.00	3.72	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	1.96	97.9	2.00	4.35	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	5.87	97.9	6.00	4.20	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/09/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.4	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	193	96.6	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	85.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	85.4	% 38.9-14	2						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/04/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: 14014 Brandi Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: FL 45 @ 2' (H211442-15)

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	06/08/2021	ND	1.98	98.8	2.00	1.23	
Toluene*	<0.050	0.050	06/08/2021	ND	2.01	100	2.00	3.72	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	1.96	97.9	2.00	4.35	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	5.87	97.9	6.00	4.20	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500CI-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	06/09/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.4	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	193	96.6	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	87.5	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	86.3	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/04/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Brandi Oldaker

Applyzod By: MC

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: FL 46 @ 2' (H211442-16)

RTFY 8021R

B1EX 8021B	mg/	^и кд	Anaiyze	a By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2021	ND	1.98	98.8	2.00	1.23	
Toluene*	<0.050	0.050	06/08/2021	ND	2.01	100	2.00	3.72	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	1.96	97.9	2.00	4.35	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	5.87	97.9	6.00	4.20	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
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	06/09/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.4	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	193	96.6	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	86.7	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	85.4	% 38.9-14	_						

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Celey D. Keene



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/04/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Brandi Oldaker

Applyzod By: MC

Project Location: CONOCO PHILLIPS - LEA CO NM

ma/ka

Sample ID: FL 47@ 2' (H211442-17)

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	06/08/2021	ND	1.98	98.8	2.00	1.23	
Toluene*	<0.050	0.050	06/08/2021	ND	2.01	100	2.00	3.72	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	1.96	97.9	2.00	4.35	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	5.87	97.9	6.00	4.20	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
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	06/09/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.4	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	193	96.6	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	85.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	85.0	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/04/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Brandi Oldaker

Project Location: CONOCO PHILLIPS - LEA CO NM

Sample ID: FL 48 @ 2' (H211442-18)

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	06/08/2021	ND	1.97	98.6	2.00	0.640	
Toluene*	<0.050	0.050	06/08/2021	ND	2.09	105	2.00	0.110	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	2.06	103	2.00	0.250	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	6.20	103	6.00	0.637	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
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	06/09/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.4	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	193	96.6	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	89.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	89.3	% 38.9-14	22						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/04/2021

Reported: 06/09/2021 Sampling Type: Soil
Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact

Project Number: 14014 Sample Received By: Brandi Oldaker

Analyzed By: MS

Project Location: CONOCO PHILLIPS - LEA CO NM

mg/kg

Sample ID: WW 3 (H211442-19)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	a by. 1-15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2021	ND	1.97	98.6	2.00	0.640	
Toluene*	<0.050	0.050	06/08/2021	ND	2.09	105	2.00	0.110	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	2.06	103	2.00	0.250	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	6.20	103	6.00	0.637	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/09/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.4	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	193	96.6	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	83.3	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	83.2	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 06/04/2021 Sampling Date: 06/04/2021

Reported: 06/09/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: Cool & Intact
Project Number: 14014 Sample Received By: Brandi Oldaker

Analyzed By: MS

Project Location: CONOCO PHILLIPS - LEA CO NM

mg/kg

Sample ID: SW 2 (H211442-20)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2021	ND	1.97	98.6	2.00	0.640	
Toluene*	<0.050	0.050	06/08/2021	ND	2.09	105	2.00	0.110	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	2.06	103	2.00	0.250	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	6.20	103	6.00	0.637	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/09/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.4	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	193	96.6	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	84.0	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	83.9	% 38.9-14	2						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

AR.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

Company Nam		rtions	, In	C.						BI	LL 1	TO						Al	NAL	YSI	S RI	EQU	ES	T		
Project Manage	er: Sel Lowry						F	2.0.1	k:									T					T			
Address: P.0							C	omp	any	1: Ce	mac	OP	h-llips													
City: Lovings	on State: NM	Zip	: 88	260			- 1	ttn:											- 1							
Phone #: (57	5) 396-2378 Fax #: (575)	396-1	429				A	ddre	ess:																	
Project #: /c	Project Owne	r. Co	noc	OP	h.11.	101	C	ity:								-										
Project Name:	Huckleherry ZZ State ce	m (T	B			S	tate:			Zip:			e	TPH (8015M)	DTEY (8031B)										
Project Location	Huckleberry 22 State con: Rural Lea County, NM						P	hone	e #:					Chloride	801	00/										
Sampler Name	Migreel Ramive ?						F	ax#	:					당	H	2										
FOR LAB USE ONLY		T	Г		MA	TRIX		PR	ESE	RV.	SA	MPLI	NG	1	1	1 5	5		- 1							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:	DA	TE	TIME													
01	FL31@4'	C	T		X			T	ic		6/2/	21		X	x	X										
	FL 32@4'	(1		K				x		1/2/	7		K	X	X										
03	FL 33@2'	C	1		X				X		6/2/	-		K	X	K										
04	FL 3402'	C	1		Y				X		6/21			X	X	1										
65	EL35 (ay'	C	1		X				K		6/3			X	X	1	X						-			
Ole	7L3604'	C	1		X				X		6/3			V	K	V										
07	FL 37 @4'	(1		*			1	7		1./3/	21		X	K	X		1								
08	FL3904'	C	1		X				X		63	21		X	X	1	4									-
09	FL 39@4'	C	1		X		1	1	X	Ш	141	21		X	X	X		-	_		-	-	4		-	-
10		10	L		X				1		6/4	1/51		IX	X	1,2										
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	: (Circle One) - Bus - Other: 2.6 c #	113	3	C	ample ool Yes	Intac	t	1	сн Ви	(Initi	ED BY	8	Please e	mail r	esult	s to	pm@	etec	nenv	r.com	1.					

FORM-006 Revision 1.0

Received by OCD: 7/12/2021 10:23:43 AM

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RDINAL LABORATORIES

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

Company Nam		tions, Inc.	BILL TO					ANALYSIS REQUEST
Project Manage	er: Joel Lowry		P.O. #:					
Address: P.0			Company: Cone co P	hillips				
City: Lovings	on State: NM	Zip: 88260	Attn:					
	(5) 396-2378 Fax #: (575) 3		Address:					
Project #: /	4014 Project Owne	- Conoco Phillips	City:					
Project Name:	4014 Project Owner Huckleberry 22 state	com CTB	State: Zip:		ا و	SM)	BTEX (8021B)	
Project Location	m: Pural Lea county,	Nas	Phone #:		Chloride	801	(80	
Sampler Name	m: Pural Lea county, : Miguel Rumirez		Fax #:		당	IPH (8015M)	X	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPL	ING		F	B	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER: ACID/BASE: ICE / COOL OTHER:	TIME				
11	FL41D4'	C/X	X 6/4/21		Y	X.	*	
12	FL 42@41	CIX	X 6/4/21		Ý	X	X	
13	FL 42@4' FL 43@## 4' IFL 44@# 4'	CIX	X 6/4/2/		X	X	X	
14	IFL 44 @ * 4	CIX	X 6/4/21		X	X	X	
15	FL 4265,	(1)	X 6/4/31		X	X	X	
16	FL 46@2'	CIX	X 6/4/2/		X	X	X	
17	FL 47 62'	CIX	X 6/4/2/		X	X	X	
18	FL 48 @2'		X 6/4/2/		X	×	X	
19	WW3	() X	X 6/4/2/	-	X	X	x	
ZO PLEASE NOTE: Liability a	SW 7 and Damages. Cardinal's liability and client's exclusive remedy for a	ny claim arising whether based in contrac	or tort, shall be limited to the amount of	id by the client for	the	x,	K	
	ling those for negligence and any other cause vératoever shall be Cardinal be liable for incidental or consequental damages, includin	deemed waived unless made in willing as	nd received by Cardinal within 30 days all	or completion of th	e applicab	do		
	sing out of or related to the performance of services hereunder by				ie	☐ Ye	s D N	No Add'I Phone #:
Relinquished B	W.4.21	Brandi (Received By:	Idaker	Fax Result	t: S:	□ Ye	s 🗆 N	
	: (Circle One) - Bus - Other: 2.6c #	Sample Condition Cool Intact Yes Yes No No No	Z (Initials)					

FORM-006 Revision 1.0

Received by OCD: 7/12/2021 10:23:43 AM

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



June 08, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: HUCKLEBERRY 22 STATE COM CTB

Enclosed are the results of analyses for samples received by the laboratory on 06/07/21 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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 P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

 Received:
 06/07/2021
 Sampling Date:
 06/07/2021

 Reported:
 06/08/2021
 Sampling Type:
 Soil

Reported: 06/08/2021 Sampling Type: Soi
Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: **

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: ** (See Notes)
Project Number: 14014 Sample Received By: Tamara Oldaker

Analyzed By MC

Project Location: CONOCO PHILLIPS - LEA CO NM

ma/ka

Sample ID: SW 3 (H211455-01)

DTEV 0021D

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	06/08/2021	ND	1.98	98.8	2.00	1.23	
Toluene*	<0.050	0.050	06/08/2021	ND	2.01	100	2.00	3.72	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	1.96	97.9	2.00	4.35	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	5.87	97.9	6.00	4.20	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/08/2021	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.4	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	193	96.6	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	89.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	88.2	% 38.9-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 06/07/2021 Sampling Date: 06/07/2021

Reported: 06/08/2021 Sampling Type: Soil
Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: **(

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: ** (See Notes)
Project Number: 14014 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: CONOCO PHILLIPS - LEA CO NM

mg/kg

Sample ID: SW 4 (H211455-02)

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	06/08/2021	ND	1.98	98.8	2.00	1.23	
Toluene*	<0.050	0.050	06/08/2021	ND	2.01	100	2.00	3.72	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	1.96	97.9	2.00	4.35	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	5.87	97.9	6.00	4.20	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/08/2021	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.4	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	193	96.6	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	84.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	83.0	% 38.9-14	2						

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Celey D. Keine



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 06/07/2021 Sampling Date: 06/07/2021

Reported: 06/08/2021 Sampling Type: Soil Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: ** (See Notes)

Project Number: Sample Received By: 14014 Tamara Oldaker

CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: EW 2 (H211455-03)

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	06/08/2021	ND	1.98	98.8	2.00	1.23	
Toluene*	<0.050	0.050	06/08/2021	ND	2.01	100	2.00	3.72	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	1.96	97.9	2.00	4.35	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	5.87	97.9	6.00	4.20	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-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	06/08/2021	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.4	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	193	96.6	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	84.4	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	83.3	% 38.9-14	2						

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Celey D. Keene



Tamara Oldaker

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260 Fax To: (575) 396-1429

Received: 06/07/2021 Sampling Date: 06/07/2021

Reported: 06/08/2021 Sampling Type: Soil Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: ** (See Notes)

Project Number: Sample Received By: CONOCO PHILLIPS - LEA CO NM Project Location:

14014

Sample ID: EW 3 (H211455-04)

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	06/08/2021	ND	1.98	98.8	2.00	1.23	
Toluene*	<0.050	0.050	06/08/2021	ND	2.01	100	2.00	3.72	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	1.96	97.9	2.00	4.35	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	5.87	97.9	6.00	4.20	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-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	06/08/2021	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.4	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	193	96.6	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	87.2	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	86.0	% 38.9-14	2						

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Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301

Lovington NM, 88260

Fax To: (575) 396-1429

Received: 06/07/2021 Sampling Date: 06/07/2021

Reported: 06/08/2021 Sampling Type: Soil

Project Name: HUCKLEBERRY 22 STATE COM CTB Sampling Condition: ** (See Notes)

Project Number: 14014 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: CONOCO PHILLIPS - LEA CO NM

ma/ka

Sample ID: NW 1 (H211455-05)

RTFY 8021R

BIEX 8021B	mg	/ Kg	Analyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2021	ND	1.98	98.8	2.00	1.23	
Toluene*	<0.050	0.050	06/08/2021	ND	2.01	100	2.00	3.72	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	1.96	97.9	2.00	4.35	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	5.87	97.9	6.00	4.20	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/08/2021	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.4	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	193	96.6	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	86.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	86.0	% 38.9-14	2						

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Celeg & Freene



Tamara Oldaker

Sample Received By:

Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY P.O. Box 301 Lovington NM, 88260

Fax To: (575) 396-1429

Received: 06/07/2021 Sampling Date: 06/07/2021

Reported: 06/08/2021 Sampling Type: Soil Project Name: **HUCKLEBERRY 22 STATE COM CTB** Sampling Condition: ** (See Notes)

14014 CONOCO PHILLIPS - LEA CO NM Project Location:

Sample ID: NW 2 (H211455-06)

Project Number:

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	06/08/2021	ND	1.98	98.8	2.00	1.23	
Toluene*	<0.050	0.050	06/08/2021	ND	2.01	100	2.00	3.72	
Ethylbenzene*	<0.050	0.050	06/08/2021	ND	1.96	97.9	2.00	4.35	
Total Xylenes*	<0.150	0.150	06/08/2021	ND	5.87	97.9	6.00	4.20	
Total BTEX	<0.300	0.300	06/08/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
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	06/08/2021	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2021	ND	193	96.4	200	2.27	
DRO >C10-C28*	<10.0	10.0	06/08/2021	ND	193	96.6	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	06/08/2021	ND					
Surrogate: 1-Chlorooctane	86.8	% 44.3-13	3						
Surrogate: 1-Chlorooctadecane	85.6	% 38.9-14	2						

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (575) 393 2236 EAY (575) 393 2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.									BILL TO							ANALYSIS REQUEST										
Project Manager: Joel Lowry									P.O. #:																T	
Address: P.C							С	Company: Conoco Phillips						1												
City: Lovington State: NM Zip: 88260								Attn:						1											1	
Phone #: (575) 396-2378 Fax #: (575) 396-1429							A	Address:						1			1									
Project #: 14014 Project Owner: Cenece Phillips Project Name: Huckleberry 22 State Com C78 Project Location: Fural Lea County, NM Sampler Name: Mighp/Ramire Z MATRIX												1									1					
													Σ	18												
Project Location: Furni Lea County, NM Sampler Name: Middo / Panage Z								Phone #:						훈	10	802										
								ax #:				_		Chloride	TPH (8015M)	BTEX (8021B)				- 1					1	
FOR LAB USE ONLY	budy//water	T	Т		MAT	RIX	-	-	ESEF	RV.	SAMPL	ING		1	4	18										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:	DATE	0	TIME													
	Sw 3	C	-		X				X		10(2)	16	12/21	X	X	X										
2	5w4	C	1		X				X		100	1	17/21	X	×	X										
3	EWZ	1	1		X		T		X	1		L	17/21	X	X	X										
4	EW3	C	1		V				X	1	MISI	1	his	X	X	X										
	NW/	C	1		X				X	I	1440	1	17/21	X	X	V										
6	NWO	C	1		X		+	-	1	+	WE WE	6	17/24	X	1	4	-	-	+	-						-
		1								1		F						-	-	7						-
		+	\vdash	\vdash	+		+			+		╁					+	+	+	+			+-	-	-	+
	and Damages. Cardinal's liability and client's exclusive remedy for ing those for negligence and any other cause whatsoever shall be														ble		_	_	_	-				_		
	Cardinal be liable for incidental or consequental damages, including out of or related to the performance of services hereunder by	Cardina	l, rega		whether s							позве	in subside s or otherwi- none Re	10.	☐ Ye	e F	No	Ade	'! Pho	no #						
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FORM-006 Revision 1.0

Received by OCD: 7/12/2021 10:23:43 AM

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 35968

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	35968
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created	Condition	Condition
Ву		Date
chensley	COG's deferral requests to complete final remediation during any future major construction/alteration or final plugging and abandonment, whichever occurs first is approved. The deferred C-	8/17/2021
	141 will be accepted for record and marked accordingly. The release will remain open in OCD database files and reflect an open environmental issue.	