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District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

This information must be provided to the appropriate district office no tales than 50 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 ✓ Doubt 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

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I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the C failed to adequately investigate and remediate contamination that pose a thre addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	fications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In							
Printed Name: Dakota Neel	Title: HSE Coordinator							
Signature:	Date: 4/10/2020							
email: dneel2@concho.com Telephone: 575-746-2010								
OCD Only								
Received by:	Date:							

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Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the followin	g items must be included in the closure report.
☐ A scaled site and sampling diagram as described in 19.15.2	9.11 NMAC
Photographs of the remediated site prior to backfill or phot must be notified 2 days prior to liner inspection)	tos of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate O	DDC District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file cer may endanger public health or the environment. The acceptance should their operations have failed to adequately investigate and human health or the environment. In addition, OCD acceptance compliance with any other federal, state, or local laws and/or reg restore, reclaim, and re-vegetate the impacted surface area to the accordance with 19.15.29.13 NMAC including notification to the Printed Name: Dakota Neel Signature:	plete to the best of my knowledge and understand that pursuant to OCD rules tain release notifications and perform corrective actions for releases which of a C-141 report by the OCD does not relieve the operator of liability remediate contamination that pose a threat to groundwater, surface water, of a C-141 report does not relieve the operator of responsibility for gulations. The responsible party acknowledges they must substantially conditions that existed prior to the release or their final land use in e OCD when reclamation and re-vegetation are complete. HSE Coordinator Title: Date: 4/10/2020 Telephone: 575-746-2010
email: dneel2@concho.com	Telephone:
OCD Only	
Received by:	Date:
	rty of liability should their operations have failed to adequately investigate and ce water, human health, or the environment nor does not relieve the responsible nd/or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

Remediation Summary and Soil Closure Request

COG Operating, LLC Craig State #3

Eddy County, New Mexico
Unit Letter C, Section 36, Township 25 South, Range 26 East
Latitude 32.092387 North, Longitude 104.249677 West
NMOCD Reference No. Pending

Prepared By:

Etech Environmental & Safety Solutions, Inc.

3100 Plains Highway Lovington, New Mexico 88260

Joel Lowry

Daniel Dominguez



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- Appendix B Field Data and Soil Profile Logs
- Appendix C Laboratory Analytical Reports
- Appendix D Photographic Log

1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of COG Operating, LLC, has prepared this Remediation Summary and Soil Closure Request for the Release Site known as the Craig State #3. Details of the release are summarized below:

		Locatio	n of Release So	urce				
Latitude:	32.0	92387	Longitude:		-104.249677			
		Provideo	d GPS are in WGS84 form	at.				
Site Name:								
Date Release Dis	scovered:	Pending	API # (if appli	eable):	30-015-41971			
Unit Letter	Section	Township	Range	County				
С	36	25S	26E	Eddy				
Surface Owner:	State X		Private (Na)			
Crude Oil	Volun	ne Released (bbls)		Volume Re	ecovered (bbls)			
X Produced V	Vater Volum	ne Released (bbls)	20	Volume Re	ecovered (bbls) 0			
Is the concentration of dissolved chlorides in the produced water $> 10,000 \text{ mg/L}$?								
Condensate	Volun	ne Released (bbls)		Volume Re	ecovered (bbls)			
Natural Gas	s Volun	ne Released (Mcf)		Volume Re	Volume Recovered (Mcf)			
Other (describe) Volume/Weight Released Volume/Weight Recovered								
Cause of Release The release was	s caused by a ir	nproper valve position	uing.					
		In	itial Response					
X The source	of the release ha	as been stopped.						
X The impacted	d area has been	secured to protect hum	an health and the en	vironment.				
1=				•	or other containment devices			
X All free liqui	ids and recovera	able materials have been	n removed and man	aged appropriat	ely.			

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 Release 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?	<	<50 Ft.
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?	X Yes	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?	X Yes	No

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

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 for the Site is as follows:

Closure Criteria for Soil Impacted by a Release								
Probable Depth to Groundwater	Constituent	Method	Limit					
	Chloride	EPA 300.0 or SM4500 Cl B	600 mg/kg					
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	100 mg/kg					
~25	DRO + GRO	EPA SW-846 Method 8015M	N/A mg/kg					
	BTEX	EPA SW-846 Methods 8021b or 8260b	50 mg/kg					
	Benzene	EPA SW-846 Methods 8021b or 8260b	10 mg/kg					

4.0 REMEDIATION ACTIVITIES SUMMARY

On February 20, 2020, remediation activities commenced at the Site. In accordance with the NMOCD, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was excavated and stockpiled on-site, pending final disposition at an NMOCD-approved surface waste facility for disposal. The floor and sidewalls of the excavation were advanced until field observations and test results suggested BTEX, TPH and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard.

On February 24 and 25, 2020, Etech collected forty (40) excavation confirmation soil samples. The collected soil samples were submitted to a certified commercial laboratory for analysis of BTEX, TPH and/or chloride. Laboratory analytical results indicated BTEX, TPH and chloride concentrations below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard in each of the submitted soil samples.

A "Site & Sample Location Map" is provided as Figure 3. A "Soil Chemistry Table" is provided as Table 1. Laboratory Analytical Reports are provided in Appendix C. Field data and soil profile logs, if applicable, are provided as Appendix B.

The final dimensions of the excavated area were approximately 150 ft. in length, 40 ft. to 75 ft. in width and ranged from 3 ft to 5.5 ft. in depth. During the course or remediation activities approximately 1,300 cubic yards of impacted soil were transported to an NMOCD-approved surface waste facility for disposal.

5.0 RESTORATION, RECLAMATION AND RE-VEGETATION PLAN

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

6.0 SOIL CLOSURE REQUEST

Remediation activities were conducted in accordance with applicable NMOCD Regulations. Impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was excavated and transported to an NMOCD-approved disposal facility. Laboratory analytical results from confirmation soil samples indicate concentrations of BTEX, TPH and chloride are below the NMOCD Closure Criteria and/or NMOCD Reclamation Standard.

Based on laboratory analytical results and field activities conducted to date, Etech recommends COG Operating, LLC provide copies of this Remediation Summary and Soil Closure Request to the appropriate agencies and request closure be granted to the Craig State #3 Site.

7.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this Site Assessment Report and Proposed Remediation Workplan 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. Basis 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 within 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 2 811 S. First Street Artesia, NM 88210

United States Department of the Interior

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

(Electronic Submission)

Figure 1 Topographic Map

Figure 2 Aerial Proximity Map

GPS: 32.092387, -104.249677 Surface Water Potash Mine Workings **Eddy County** Drafted: mag Checked: jwl Date: 1/13/20

Figure 3 Site and Sample Location Map

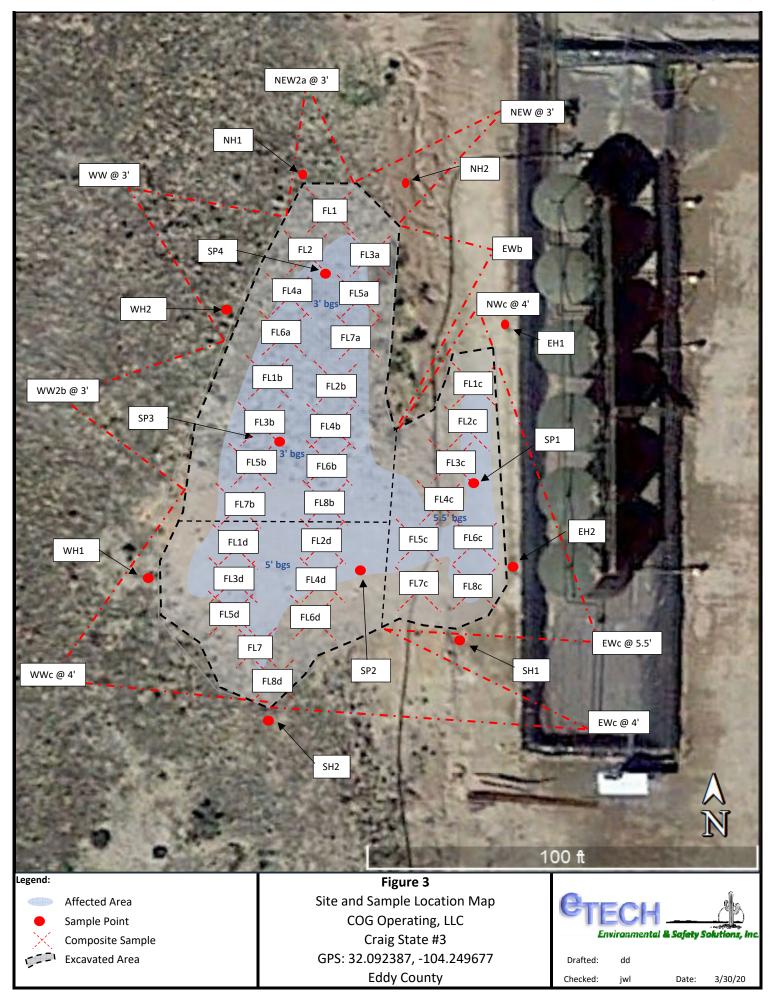


Table 1 Concentrations of BTEX, TPH, and/or Chloride in Soil

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX TPH AND CHLORIDE IN SOIL

COG Operating, LLC

Craig State #3

NMOCD Ref. #: Pending

				SW 840	6 8021B		SW	846 8015M	Ext.		4500 C
Sample ID	Date	Depth	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)	Chlorid (mg/kg
NH 1 @ Surf	1/9/20	Surf	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48
NH 1 @ 1'	1/9/20	1'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96
NH 2 @ Surf	1/9/20	Surf	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16
NH 2 @ 1'	1/9/20	1'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16
EH 1 @ Surf	1/9/20	Surf	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH 1 @ 1'	1/9/20	1'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80
EH 2 @ Surf	1/9/20	Surf	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16
EH 2 @ 1'	1/9/20	1'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96
SH 1 @ Surf	1/9/20	Surf	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SH 1 @ 1'	1/9/20	1'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
SH 2 @ Surf	1/9/20	Surf	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16
SH 2 @ 1'	1/9/20	1'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
WH 1 @ Surf	1/9/20	Surf	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
WH 1 @ 1'	1/9/20	1'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48
WH 2 @ Surf	1/9/20	Surf	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16
WH 2 @ 1'	1/9/20	1'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
SP 1 @ Surf	1/9/20	Surf	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	21,20
SP 1 @ 4'	1/10/20	4'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
SP 2 @ Surf	1/9/20	Surf	Excavated	< 0.050	< 0.300	<10.0	26.6	26.6	<10.0	26.6	22,80
SP 2 @ 4'	1/10/20	4'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
SP 3 @ Surf	1/9/20	Surf	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48
SP 3 @ 1'	1/9/20	1'	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	688
SP 4 @ Surf	1/9/20	Surf	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	14,60
SP 4 @ 2'	1/9/20	2'	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	928
FL 1 @ 3'	2/24/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64
FL 2 @ 3'	2/24/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
NEW @ 3'	2/24/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
WW @ 3'	2/24/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 1b @ 3'	2/24/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
FL 2b @ 3'	2/24/20	2'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
EW b @ 3'	2/24/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	464
FL 1C @ 4'	2/24/20	4'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	352
NW C @ 4'	2/24/20	4'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
EW C @ 4'	2/24/20	4'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
WW C @ 4'	2/24/20	4'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	400
FL 1d @ 2'	2/24/20	2'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
FL 3 A @ 3'	2/25/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80
FL 4 A @ 3'	2/25/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 5 A @ 3'	2/25/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 6 A @ 3'	2/25/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96
FL 7 A @ 3'	2/25/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32
FL 3 b @ 3'	2/25/20	3'	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192
	sure Crit			10	50	-	-	N/A	-	100	600

NOTES:

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX TPH AND CHLORIDE IN SOIL

COG Operating, LLC

Craig State #3

NMOCD Ref. #: Pending

				SW 840	6 8021B	SW 846 8015M Ext.				4500 Cl	
Sample ID	Date	Depth	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 4 b @ 3'	2/25/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 5 b @ 3'	2/25/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 6 b @ 3'	2/25/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 7 b @ 3'	2/25/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
FL 8 b @ 3'	2/25/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 2 C @ 4.5'	2/25/20	4.5'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
FL 3 C @ 4.5'	2/25/20	4.5'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 4 C @ 4.5'	2/25/20	4.5'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL 5 C @ 5.5'	2/25/20	5.5'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	288
FL 6 C @ 5.5'	2/25/20	5.5'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	272
FL 7 C @ 5.5'	2/25/20	5.5'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 8 C @ 5.5'	2/25/20	5.5'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	256
FL 2 D @ 5'	2/25/20	5'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 3 d @ 5'	2/25/20	5'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FL 4 d @ 5'	2/25/20	5'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
FL 5 d @ 5'	2/25/20	5'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	416
FL 6 d @ 5'	2/25/20	5'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 7 @ 5'	2/25/20	5'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	320
FL 8 d @ 5'	2/25/20	5'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	240
EW C @ 5.5'	2/25/20	5.5'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
NEW 2A @ 3'	2/25/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
WW 2b @ 3'	2/25/20	3'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	224
Clo	sure Crit	eria		10	50	_	-	N/A	-	100	600

NOTES:

Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Appendix A Depth to Groundwater Information

Craig State #3 GPS: 32.092387, -104.249677 **Eddy County** Drafted: mag Checked: jwl Date: 1/13/20



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

POD

 \mathbf{C}

CUB

ED

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

(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

Water

Sub-Code

closed)

basin County 64 16 4 Sec Tws Rng 4 25 25S 26E

4 3 2 25 25S 26E

QQQ

571505 3551456* 571412 3551961* DistanceDepthWellDepthWater Column 882

1204 35

Average Depth to Water:

Minimum Depth:

Maximum Depth:

Record Count: 2

POD Number

C 01013

C 02221

UTMNAD83 Radius Search (in meters):

Easting (X): 570801.75

Northing (Y): 3550922.48

Radius: 1610

*UTM location was derived from PLSS - see Help

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

1/13/20 8:29 AM

WATER COLUMN/ AVERAGE DEPTH TO



New Mexico Office of the State Engineer

Point of Diversion Summary

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

 $\begin{array}{ccc} (\text{quarters are smallest to largest}) \\ \textbf{Q64 Q16 Q4 Sec Tws} & \textbf{Rng} \end{array}$

(NAD83 UTM in meters)

POD Number

4 3 2 25 25S 26E

X Y 571412 3551961*

C 02221

Driller Company:

Driller License: Driller Name:

Well Tag

J D FOREHAND

Drill Start Date:

Drill Finish Date:

11/15/1914

35 feet

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield: 7 GPM

Casing Size:

6.50

Depth Well:

Depth Water:

*UTM location was derived from PLSS - see Help

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

1/13/20 8:29 AM

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)

POD Number

Q64 Q16 Q4 Sec Tws Rng

X

C 01013

4 25 25S 26E

571505 3551456*

Driller License: 24

Driller Company:

BRININSTOOL, M.D.

Driller Name:

Well Tag

HOWARD HEMLER

Drill Start Date: 06/10/1961

Drill Finish Date:
PCW Rcv Date:

06/17/1961 **Plug Date:**

Log File Date: 07/12/1961

7.00

Source:

Shallow

Pump Type: Casing Size: Pipe Discharge Size:

Depth Well:

Estimated Yield:

Depth Water:

Water Bearing Stratifications:

TopBottomDescription153165Shale/Mudstone/Siltstone180198Limestone/Dolomite/Chalk228238Limestone/Dolomite/Chalk

245 feet

Casing Perforations:

Top Bottom

203 245

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

1/13/20 8:29 AM

POINT OF DIVERSION SUMMARY

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

National Water Information System: Web Interface

USGS Water Resources

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

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- Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 320616104142801

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320616104142801 25S.26E.25.23231

Available data for this site Groundwater: Field measurements

GO

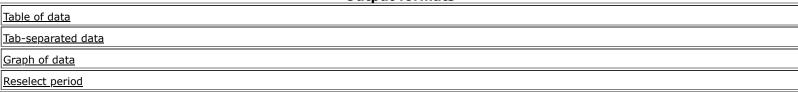
Eddy County, New Mexico

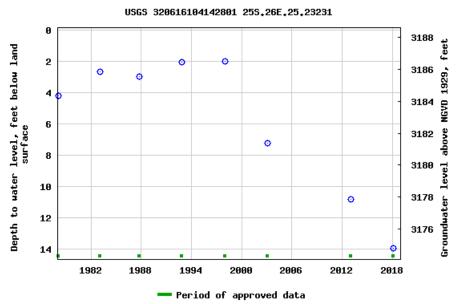
Hydrologic Unit Code 13060011

Latitude 32°06'12.6", Longitude 104°14'33.9" NAD83 Land-surface elevation 3,188.60 feet above NGVD29

This well is completed in the Castile Gypsum (312CSTL) local aquifer.

Output formats





Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u> Questions about sites/uata? 3:17:55 PM

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URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?
Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2020-01-13 10:25:12 EST

0.54 0.46 nadww02



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National Water Information System: Web Interface

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Groundwater	•	United States	▼	GO
Groundwater		United States		G

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Agency code = usgs site_no list =

320625104153201

Minimum number of levels = 1

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USGS 320625104153201 25S.26E.26.213213

Available data for this site Groundwater: Field measurements

Eddy County, New Mexico

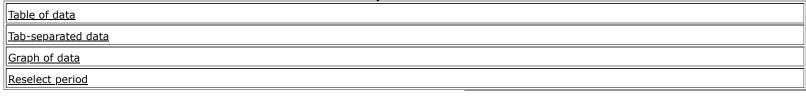
Hydrologic Unit Code 13060011

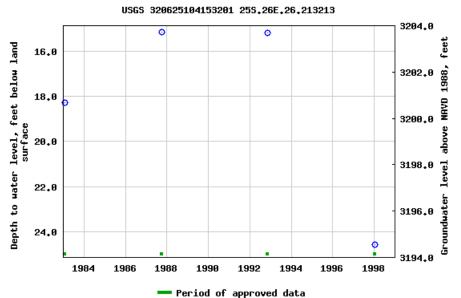
Latitude 32°06'25", Longitude 104°15'32" NAD27

Land-surface elevation 3,219 feet above NAVD88

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

Output formats





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

Questions about sites/uata? 3:17:55 PM

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Title: Groundwater for USA: Water Levels

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

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0.53 0.47 nadww02



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National Water Information System: Web Interface

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Search Results -- 1 sites found

Agency code = usgs site_no list =

320627104160701

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320627104160701 25S.26E.27.22200

Available data for this site Groundwater: Field measurements GO Eddy County, New Mexico

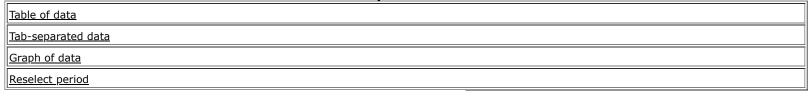
Hydrologic Unit Code 13060011

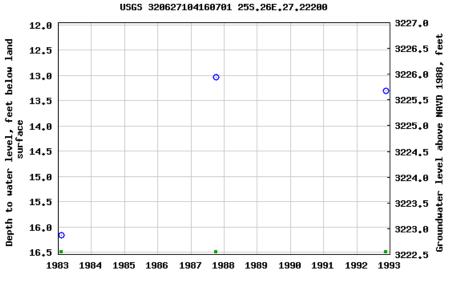
Latitude 32°06'27", Longitude 104°16'07" NAD27

Land-surface elevation 3,239 feet above NAVD88

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

Output formats





Period of approved data

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

Questions about sites/uata? 3:17:55 PM

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Title: Groundwater for USA: Water Levels

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

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Page Last Modified: 2020-01-13 10:25:14 EST

0.51 0.46 nadww02



/

National Water Information System: Web Interface

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Agency code = usgs site_no list =

• 320629104151301

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320629104151301 25S.26E.26.22231

Eddy County, New Mexico

Hydrologic Unit Code 13060011

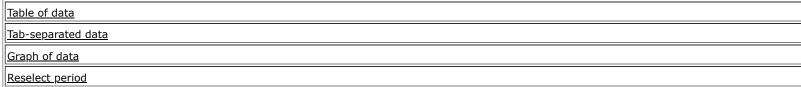
Latitude 32°06'29", Longitude 104°15'13" NAD27

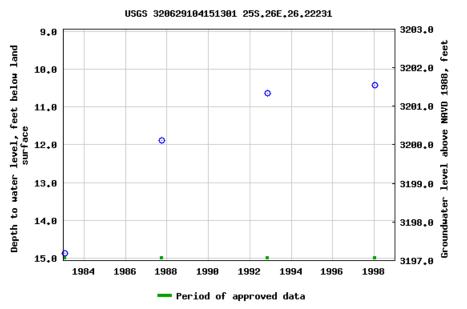
Land-surface elevation 3,212 feet above NAVD88

The depth of the well is 16 feet below land surface.

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

Output formats





Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u> Questions about sites/uata? 3:17:55 PM

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

Page Last Modified: 2020-01-13 10:25:14 EST

0.53 0.46 nadww02



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Appendix B Field Data and Soil Profile Logs



Initial Release Assessment Form

Project:	Craig State #2		20 20	Date:	.9.20	
Project Number:	Craig State #3 11733	Latitude:	Clean Up Level: 32.092387	Longitude:		249677
		WH:	Site Diagram	NH2 SPI	100000	Caig State 3H
Notes: Collect s	amples and delin	neate relas	str.	SHI.	; plofo	gnyot
~Length: 150	~Width: 75	~Area:		~Depth: /-4'	Vos	No
Necessary Samples Sample and Field Sc	Pictures of the Affected Field Screened and on Io reen Data Entered on So vertical delineation ach	ce? ample Log?	sample locations?		Yes 💆 💆	No



Sample Log

Date: 1.9.20

Project: Craig State #3

Project Number: 11733 Latitude: 32.092387 Longitude: -104.249677

Sample ID	PID/Odor Chloride Conc.		loride Conc.	GPS	
NHI @ surface	Rene	120	11:30	313	
NHI @ /'	None	120	11:40		
NH2 @ Sufface	none	120	11:50		
NH 2@/	none	120	12:00		
EHI@SVIFACE	none	120	12:10		
EHI@11	none	120	12:20		
EH2@surface	NON	120	12:30		
EH1@/	None	120	12:46		
SHIP Surface	None	120	12:50		
H (0 11	Done	304	1:00		
SHILO Sustace	Abal	120	1:10		
SHID @ 1'	sone	120	1:20		
WHT@ Sustace	1000	120	1:30		
NH(Q)'	hone	124	1:40		
VH2@ Sustace	None.	120	/. 90 //. \$0		
N49[0]	none	352	2:00		
of Psulfue	Slight	-	2:10		
9101	17.40	2592	2:20		
e 200 sustace	S(ah+	=			
P260 1	none	2592	2:36		
1930 Surface	Slight	-	2:40		
583@11	Dane	432	2:50		
PHOSostace	Slight	-	3:00		
PKQ1.	none	2592	3:10		
P 12'		2592	3:20		
8202'	None	2016 1624	3:30 3:40		
C4@ 2'		344			
SP10 31	none	636	3:50		
P1@3'	NONE	1690 896	4:00		
P123' SP104'	DOAL	1690 896 204	4:10		
P2(Q4'			1.10.20 9:00		
	USV 6	432	1.10.20 9:30		

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

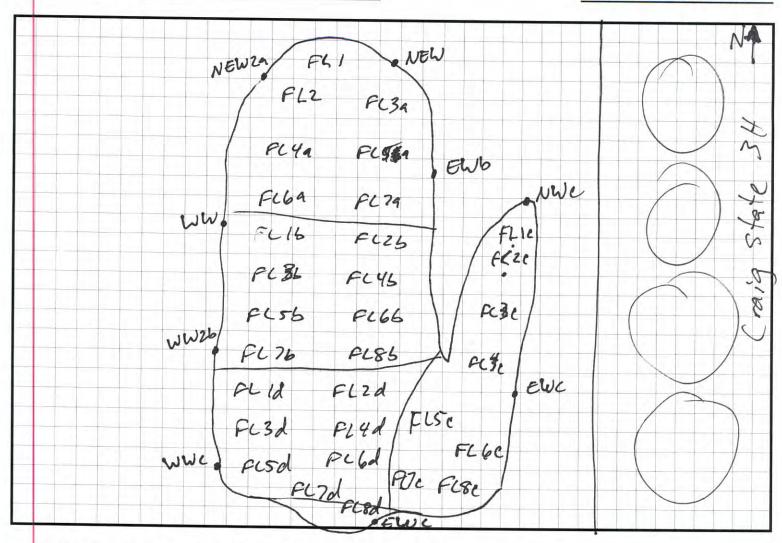
1.9.20 Date: Project: Craig State #3 Project Number: Latitude: 32.092387 Longitude: -104.249677 Depth (ft. bgs) Description Calche' on top with discoloration to the pad

red and yellow state had to use work

FIELD NOTES

g State #3

Date: 2.24-20



Collect confirmation Samples from a excavation

eld ID	Odor/PID	Chloride

Field ID	Odor/PID	Chloride

Odor/PID	Chloride
	Odor/PID

Field ID	Odor/PID	Chloride

Field ID	Odor/PID	Chloride

Field ID	Odor/PID	Chloride



Sample Log

Date:

2-25-20

Project: Chair

Chaig St. #34

137 Latitude

Latitude: 32.0 92387

Longitude: -104.249677

Sample ID	PID/Odor	Chloride Conc.	GPS
FLIA @3'		996	
PL 2 A @3'		580	
PL3 A @3		496	
PCH 4 @3,		580	
PL5 A @3		204	
764 03		QC4	
FL7A @3		100	
PL8 A 63'		LDo	
2/603		304	
226@3'		304	
236 @3		344	
PL46 03'		268	
25 6 @3'		3.88	
766 (03		432	
P276@3		388	
18603		236	-1
216041/2		580	
41 C 8 41/2		580	
230041/2		(132	
240041/2		432	
PLSCO-51/2		เกา	
260 512		268	
27005/4		236	
28C0514		236	
2110 5		472	
2240 5		344	
25105		268	
24doS.		282	
CYO C.		Ordi	
26105		271	
PL7 do 5'		38	
18405'		304	
NEWAZIO ? "		236 388 304 264	
Ulub 20 3'		V-1	
CL 6 6 0 5' CL 7 6 0 5' CL 7 6 0 5' CL 8 6 0 5' UEWA2 W 3' CL 2 0 5 1/2			

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



Remediation Log

roject:	Craig State #3		
Project Number:	11733 Latitude: 32.092387 Longitude:		-104.24967
		Yes	No
Confirmation of Act	tive One Call? One Call No. 20 FE170 486	, ES	
Confirmation of On		×	
		A	
Date:	Notes	Y	ds
	****Begin Remediation Activities****	Out	In
2/20/20	Excavate and stockpile and sample		
2/21/20	Excavate and stockpile and sample	-	_
2/24/20	Excapate and stockpile and sample		
2/25/20	Example, stockpile sample load tracks	240	240
2/26/20	Excavate, stockpile sample, load tructs	180	180
1/27/20	lead tricks, stock ple chean	180	(80
2/28/20	Land trucks, stockpile dean (harled off)	700	660
3/2/20	Backfill		
3/3/20	Backfill		
3/4/20	sates for Road for COG		
1/5/20	Backfill		
3/6/20	Backfill		-
3/2/20	Backfill	-	40
_			
		-	
		_	-
	****Begin Backfill Activies****		
-	****Complete Remediation Activities****		
		Tota	Yds
		Out	In
		1300	1300
		Yes	No
Pictures of Open Exc	cavation Prior to Backfill	M	
Relevant Informatio	n in Project Tracker?	Ď	

Appendix C Laboratory Analytical Reports



January 16, 2020

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: CRAIG STATE 3H

Enclosed are the results of analyses for samples received by the laboratory on 01/13/20 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. 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

A .. . l. d D. .. MC

Fax To: (575) 396-1429

Received:

DTEV 0021D

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: NH 1 @ SURFACE (H000114-01)

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	01/14/2020	ND	2.10	105	2.00	1.47	
Toluene*	<0.050	0.050	01/14/2020	ND	2.12	106	2.00	2.00	
Ethylbenzene*	<0.050	0.050	01/14/2020	ND	2.13	106	2.00	0.643	
Total Xylenes*	<0.150	0.150	01/14/2020	ND	6.22	104	6.00	0.865	
Total BTEX	<0.300	0.300	01/14/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 73.3-12	9						
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	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	191	95.3	200	4.25	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	233	117	200	5.69	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	92.8	% 41-142	,						
Surrogate: 1-Chlorooctadecane	99.4	% 37.6-14	7						

Cardinal Laboratories

*=Accredited Analyte

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Analytical Results For:

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

Analyzed By: MC

Fax To: (575) 396-1429

Received:

RTFY 8021R

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

ma/ka

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: NH 1 @ 1' (H000114-02)

BIEX 8021B	mg/	kg	Anaiyze	a By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2020	ND	2.10	105	2.00	1.47	
Toluene*	<0.050	0.050	01/14/2020	ND	2.12	106	2.00	2.00	
Ethylbenzene*	<0.050	0.050	01/14/2020	ND	2.13	106	2.00	0.643	
Total Xylenes*	<0.150	0.150	01/14/2020	ND	6.22	104	6.00	0.865	
Total BTEX	<0.300	0.300	01/14/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4 %	6 73.3-129	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	191	95.3	200	4.25	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	233	117	200	5.69	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	95.0 %	6 41-142							
Surrogate: 1-Chlorooctadecane	103 %	6 37.6-14	7						

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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:

BTEX 8021B

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: NH 2 @ SURFACE (H000114-03)

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	01/14/2020	ND	2.10	105	2.00	1.47	
<0.050	0.050	01/14/2020	ND	2.12	106	2.00	2.00	
<0.050	0.050	01/14/2020	ND	2.13	106	2.00	0.643	
<0.150	0.150	01/14/2020	ND	6.22	104	6.00	0.865	
<0.300	0.300	01/14/2020	ND					
98.0 %	% 73.3-12	9						
mg/	kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
16.0	16.0	01/15/2020	ND	432	108	400	0.00	
mg/	kg	Analyzed By: MS						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	01/15/2020	ND	191	95.3	200	4.25	
<10.0	10.0	01/15/2020	ND	233	117	200	5.69	
	<0.050 <0.050 <0.050 <0.150 <0.300 98.09 mg/ Result 16.0 mg/ Result <10.0	 <0.050 <0.050 <0.050 <0.050 <0.150 <0.150 <0.300 <0.300	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Analyzed By: MS

Surrogate: 1-Chlorooctane

96.8 %

41-142

Surrogate: 1-Chlorooctadecane

104 %

37.6-147

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Celey D. Keene

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:

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: NH 2 @ 1' (H000114-04)

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	01/14/2020	ND	2.10	105	2.00	1.47	
Toluene*	<0.050	0.050	01/14/2020	ND	2.12	106	2.00	2.00	
Ethylbenzene*	<0.050	0.050	01/14/2020	ND	2.13	106	2.00	0.643	
Total Xylenes*	<0.150	0.150	01/14/2020	ND	6.22	104	6.00	0.865	
Total BTEX	<0.300	0.300	01/14/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	191	95.3	200	4.25	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	233	117	200	5.69	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	94.3 9	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	101 %	6 37.6-14	7						

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Celeg D. Keene



Analytical Results For:

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

Fax To: (575) 396-1429

Received:

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: EH 1 @ SURFACE (H000114-05)

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	01/14/2020	ND	2.10	105	2.00	1.47	
Toluene*	<0.050	0.050	01/14/2020	ND	2.12	106	2.00	2.00	
Ethylbenzene*	<0.050	0.050	01/14/2020	ND	2.13	106	2.00	0.643	
Total Xylenes*	<0.150	0.150	01/14/2020	ND	6.22	104	6.00	0.865	
Total BTEX	<0.300	0.300	01/14/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	191	95.3	200	4.25	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	233	117	200	5.69	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	92.8	% 41-142	?						
Surrogate: 1-Chlorooctadecane	101	% 37.6-14	7						

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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:

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: EH 1 @ 1' (H000114-06)

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	01/14/2020	ND	2.10	105	2.00	1.47	
Toluene*	<0.050	0.050	01/14/2020	ND	2.12	106	2.00	2.00	
Ethylbenzene*	<0.050	0.050	01/14/2020	ND	2.13	106	2.00	0.643	
Total Xylenes*	<0.150	0.150	01/14/2020	ND	6.22	104	6.00	0.865	
Total BTEX	<0.300	0.300	01/14/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	207	103	200	4.20	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	214	107	200	7.17	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	90.4	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	94.3	% 37.6-14	7						

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Celeg D. Keene



Analytical Results For:

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

Fax To: (575) 396-1429

Received:

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: EH 2 @ SURFACE (H000114-07)

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	01/14/2020	ND	2.10	105	2.00	1.47	
Toluene*	< 0.050	0.050	01/14/2020	ND	2.12	106	2.00	2.00	
Ethylbenzene*	< 0.050	0.050	01/14/2020	ND	2.13	106	2.00	0.643	
Total Xylenes*	<0.150	0.150	01/14/2020	ND	6.22	104	6.00	0.865	
Total BTEX	<0.300	0.300	01/14/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 73.3-12	19						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	207	103	200	4.20	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	214	107	200	7.17	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	99.8	% 41-142	?						
Surrogate: 1-Chlorooctadecane	106	% 37.6-14	!7						

Surrogate: 1-Chlorooctadecane

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Celeg D. Keene

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:

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

11733

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

Project Number: Project Location:

CONCHO - EDDY CO NM

Sample ID: EH 2 @ 1' (H000114-08)

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	01/14/2020	ND	2.10	105	2.00	1.47	
Toluene*	<0.050	0.050	01/14/2020	ND	2.12	106	2.00	2.00	
Ethylbenzene*	<0.050	0.050	01/14/2020	ND	2.13	106	2.00	0.643	
Total Xylenes*	<0.150	0.150	01/14/2020	ND	6.22	104	6.00	0.865	
Total BTEX	<0.300	0.300	01/14/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	207	103	200	4.20	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	214	107	200	7.17	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	91.7	% 41-142	?						
Surrogate: 1-Chlorooctadecane	96.4	% 37.6-14	7						

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Celeg D. Keene



Analytical Results For:

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

Analyzed By: MC

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

Received:

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

RTFY 8021R

CRAIG STATE 3H

ma/ka

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: SH 1 @ SURFACE (H000114-09)

B1EX 8021B	mg/	кд	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2020	ND	2.10	105	2.00	1.47	
Toluene*	<0.050	0.050	01/14/2020	ND	2.12	106	2.00	2.00	
Ethylbenzene*	<0.050	0.050	01/14/2020	ND	2.13	106	2.00	0.643	
Total Xylenes*	<0.150	0.150	01/14/2020	ND	6.22	104	6.00	0.865	
Total BTEX	<0.300	0.300	01/14/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	207	103	200	4.20	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	214	107	200	7.17	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	101 9	% 41-142	!						
Surrogate: 1-Chlorooctadecane	106 9	% 37.6-14	7						

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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:

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: SH 1 @ 1' (H000114-10)

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	01/14/2020	ND	2.10	105	2.00	1.47	
Toluene*	<0.050	0.050	01/14/2020	ND	2.12	106	2.00	2.00	
Ethylbenzene*	<0.050	0.050	01/14/2020	ND	2.13	106	2.00	0.643	
Total Xylenes*	<0.150	0.150	01/14/2020	ND	6.22	104	6.00	0.865	
Total BTEX	<0.300	0.300	01/14/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	194	97.0	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	227	114	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	93.9 9	% 41-142	?						
Surrogate: 1-Chlorooctadecane	102 %	6 37.6-14	17						

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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:

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: SH 2 @ SURFACE (H000114-11)

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	01/14/2020	ND	2.10	105	2.00	1.47	
Toluene*	<0.050	0.050	01/14/2020	ND	2.12	106	2.00	2.00	
Ethylbenzene*	<0.050	0.050	01/14/2020	ND	2.13	106	2.00	0.643	
Total Xylenes*	<0.150	0.150	01/14/2020	ND	6.22	104	6.00	0.865	
Total BTEX	<0.300	0.300	01/14/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	194	97.0	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	227	114	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	97.8	% 41-142	?						
Surrogate: 1-Chlorooctadecane	105 9	% 37.6-14	7						

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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:

BTEX 8021B

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

mg/kg

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: SH 2 @ 1' (H000114-12)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/14/2020	ND	2.10	105	2.00	1.47	
Toluene*	< 0.050	0.050	01/14/2020	ND	2.12	106	2.00	2.00	
Ethylbenzene*	<0.050	0.050	01/14/2020	ND	2.13	106	2.00	0.643	
Total Xylenes*	<0.150	0.150	01/14/2020	ND	6.22	104	6.00	0.865	
Total BTEX	<0.300	0.300	01/14/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	194	97.0	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	227	114	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	90.5 9	% 41-142							

Analyzed By: MS

Surrogate: 1-Chlorooctadecane 97.0 % 37.6-147

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

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:

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: WH 1 @ SURFACE (H000114-13)

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	01/15/2020	ND	2.10	105	2.00	1.47	
Toluene*	<0.050	0.050	01/15/2020	ND	2.12	106	2.00	2.00	
Ethylbenzene*	<0.050	0.050	01/15/2020	ND	2.13	106	2.00	0.643	
Total Xylenes*	<0.150	0.150	01/15/2020	ND	6.22	104	6.00	0.865	
Total BTEX	<0.300	0.300	01/15/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	194	97.0	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	227	114	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	96.3	% 41-142	?						
Surrogate: 1-Chlorooctadecane	103	% 37.6-14	7						

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keene



Analytical Results For:

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

Fax To: (575) 396-1429

Received:

BTEX 8021B

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

mg/kg

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: WH 1 @ 1' (H000114-14)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2020	ND	2.10	105	2.00	1.47	
Toluene*	< 0.050	0.050	01/15/2020	ND	2.12	106	2.00	2.00	
Ethylbenzene*	< 0.050	0.050	01/15/2020	ND	2.13	106	2.00	0.643	
Total Xylenes*	<0.150	0.150	01/15/2020	ND	6.22	104	6.00	0.865	
Total BTEX	<0.300	0.300	01/15/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 73.3-12	9						
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	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	194	97.0	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	227	114	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					

Analyzed By: MS

Surrogate: 1-Chlorooctane

97.2 %

41-142

Surrogate: 1-Chlorooctadecane

104 %

37.6-147

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Analyzed By: MC

Fax To: (575) 396-1429

Received:

RTFY 8021R

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: WH 2 @ SURFACE (H000114-15)

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	01/15/2020	ND	2.10	105	2.00	1.47	
Toluene*	<0.050	0.050	01/15/2020	ND	2.12	106	2.00	2.00	
Ethylbenzene*	<0.050	0.050	01/15/2020	ND	2.13	106	2.00	0.643	
Total Xylenes*	<0.150	0.150	01/15/2020	ND	6.22	104	6.00	0.865	
Total BTEX	<0.300	0.300	01/15/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5 %	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	194	97.0	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	227	114	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	84.7 %	6 41-142	•						
Surrogate: 1-Chlorooctadecane	91.1 9	6 37.6-14	7						

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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:

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: WH 2 @ 1' (H000114-16)

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	01/15/2020	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	01/15/2020	ND	2.06	103	2.00	1.34	
Ethylbenzene*	<0.050	0.050	01/15/2020	ND	2.07	103	2.00	1.76	
Total Xylenes*	<0.150	0.150	01/15/2020	ND	6.05	101	6.00	1.63	
Total BTEX	<0.300	0.300	01/15/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	194	97.0	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	227	114	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	90.7	% 41-142	?						
Surrogate: 1-Chlorooctadecane	96.8	% 37.6-14	7						

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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: 01/13/2020

 Received:
 01/13/2020
 Sampli

 Reported:
 01/16/2020
 Sampli

Project Name: CRAIG STATE 3H
Project Number: 11733

Project Location: CONCHO - EDDY CO NM

Sampling Date: 01/09/2020

Sampling Type: Soil
Sampling Condition: Cool & Intact

Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ SURFACE (H000114-17)

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	01/15/2020	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	01/15/2020	ND	2.06	103	2.00	1.34	
Ethylbenzene*	<0.050	0.050	01/15/2020	ND	2.07	103	2.00	1.76	
Total Xylenes*	<0.150	0.150	01/15/2020	ND	6.05	101	6.00	1.63	
Total BTEX	<0.300	0.300	01/15/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21200	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	194	97.0	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	227	114	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	88.4	% 41-142	?						
Surrogate: 1-Chlorooctadecane	94.5	% 37.6-14	7						

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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:

01/13/2020

Sampling Date:

01/10/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: SP 1 @ 4' (H000114-18)

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	01/15/2020	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	01/15/2020	ND	2.06	103	2.00	1.34	
Ethylbenzene*	<0.050	0.050	01/15/2020	ND	2.07	103	2.00	1.76	
Total Xylenes*	<0.150	0.150	01/15/2020	ND	6.05	101	6.00	1.63	
Total BTEX	<0.300	0.300	01/15/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	194	97.0	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	227	114	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	96.8	% 41-142	?						
Surrogate: 1-Chlorooctadecane	104	% 37.6-14	7						

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Celeg D. Freene



Analytical Results For:

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

Fax To: (575) 396-1429

Received:

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

Sampling Condition: Sample Received By:

Cool & Intact

Project Number: Project Location:

11733

CONCHO - EDDY CO NM

Tamara Oldaker

Sample ID: SP 2 @ SURFACE (H000114-19)

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	01/15/2020	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	01/15/2020	ND	2.06	103	2.00	1.34	
Ethylbenzene*	<0.050	0.050	01/15/2020	ND	2.07	103	2.00	1.76	
Total Xylenes*	<0.150	0.150	01/15/2020	ND	6.05	101	6.00	1.63	
Total BTEX	<0.300	0.300	01/15/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22800	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	194	97.0	200	2.18	
DRO >C10-C28*	26.6	10.0	01/15/2020	ND	227	114	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	92.2	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	101 9	37.6-14	7						

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Celeg D. Keene



Analytical Results For:

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

Fax To: (575) 396-1429

Received:

01/13/2020

Sampling Date:

01/10/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: SP 2 @ 4' (H000114-20)

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	01/15/2020	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	01/15/2020	ND	2.06	103	2.00	1.34	
Ethylbenzene*	<0.050	0.050	01/15/2020	ND	2.07	103	2.00	1.76	
Total Xylenes*	<0.150	0.150	01/15/2020	ND	6.05	101	6.00	1.63	
Total BTEX	<0.300	0.300	01/15/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 73.3-12	9						
Chloride, SM4500Cl-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	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	194	97.0	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	227	114	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	90.7	% 41-142	?						
Surrogate: 1-Chlorooctadecane	96.2	% 37 6-14	7						

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Analytical Results For:

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

Analyzed By: MC

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

Received:

RTFY 8021R

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

ma/ka

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

Sampling Condition:

Cool & Intact

Project Number:

11733

Sample Received By:

Tamara Oldaker

Project Location:

CONCHO - EDDY CO NM

Sample ID: SP 3 @ SURFACE (H000114-21)

BIEX 8021B	mg/	кg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/15/2020	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	01/15/2020	ND	2.06	103	2.00	1.34	
Ethylbenzene*	<0.050	0.050	01/15/2020	ND	2.07	103	2.00	1.76	
Total Xylenes*	<0.150	0.150	01/15/2020	ND	6.05	101	6.00	1.63	
Total BTEX	<0.300	0.300	01/15/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 73.3-12	9						
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	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	194	97.0	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	227	114	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	92.0	% 41-142	?						
Surrogate: 1-Chlorooctadecane	97.2	% 37.6-14	7						

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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:

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: SP 3 @ 1' (H000114-22)

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	01/15/2020	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	01/15/2020	ND	2.06	103	2.00	1.34	
Ethylbenzene*	<0.050	0.050	01/15/2020	ND	2.07	103	2.00	1.76	
Total Xylenes*	<0.150	0.150	01/15/2020	ND	6.05	101	6.00	1.63	
Total BTEX	<0.300	0.300	01/15/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4 %	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	194	97.0	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	227	114	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	93.3 %	% 41-142	?						
Surrogate: 1-Chlorooctadecane	99 1 9	% 376-14	7						

99.1 % Surrogate: 1-Chlorooctadecane 37.6-147

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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:

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

Sampling Condition:

Cool & Intact

Project Number:

11733

Sample Received By:

Tamara Oldaker

Project Location:

CONCHO - EDDY CO NM

Sample ID: SP 4 @ SURFACE (H000114-23)

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	01/15/2020	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	01/15/2020	ND	2.06	103	2.00	1.34	
Ethylbenzene*	< 0.050	0.050	01/15/2020	ND	2.07	103	2.00	1.76	
Total Xylenes*	<0.150	0.150	01/15/2020	ND	6.05	101	6.00	1.63	
Total BTEX	<0.300	0.300	01/15/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6 9	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14600	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	194	97.0	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	227	114	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	93.9 9	6 41-142	?						
Surrogate: 1-Chlorooctadecane	100 %	6 37.6-14	7						

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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:

01/13/2020

Sampling Date:

01/09/2020

Reported:

01/16/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: SP 4 @ 2' (H000114-24)

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	01/15/2020	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	01/15/2020	ND	2.06	103	2.00	1.34	
Ethylbenzene*	< 0.050	0.050	01/15/2020	ND	2.07	103	2.00	1.76	
Total Xylenes*	<0.150	0.150	01/15/2020	ND	6.05	101	6.00	1.63	
Total BTEX	<0.300	0.300	01/15/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	01/15/2020	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/15/2020	ND	194	97.0	200	2.18	
DRO >C10-C28*	<10.0	10.0	01/15/2020	ND	227	114	200	2.73	
EXT DRO >C28-C36	<10.0	10.0	01/15/2020	ND					
Surrogate: 1-Chlorooctane	88.9	% 41-142	?						
Surrogate: 1-Chlorooctadecane	93.79	% 37.6-14	7						

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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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

NH1 @ Surf 2 NH1 @ 1' 3 NH2 @ Surf 4 NH2 @ 1' 5 EH1 @ 1' 6 EH2 @ 1' 7 EH2 @ Surf 8 H1 @ 1' 9 SH1 @ Surf 8 SH1 @ 1' 1 SH1 @ Surf 8 SH2 @ 1' 9 SH1 @ Surf 1 SH1 @ Surf 8 EH2 @ 1' 9 SH1 @ Surf 8 EH2 @ 1' 1 SH2 @ Surf 8 EH2 @ 1' 8 EH2	NH1 @ Surf NH2 @ Surf NH2 @ Surf NH2 @ 1' SEH1 @ Surf EH2 @ 1' EH2 @ Surf EH2 @ 1' SH1 @ Surf EH2 @ 1' SH1 @ Surf EH3 @ Surf Cellinguished By: Date: Time:	NH1 @ Surf 2 NH1 @ 1' 3 NH2 @ Surf 4 NH2 @ 1' 5 EH1 @ 1' 6 EH2 @ 1' 6 EH2 @ 1' 7 EH2 @ Surf 8 H1 @ 1' 9 SH1 @ Surf 8 H1 @ 1' PLEASE NOTE: Liability and Damages. Cardinal's liability and Damages. Cardinal's liability and proper cause whatsoever shall be deservice. In no event shall Cardinal bese for regisjence and any other cause whatsoever shall be deservice. In no event shall Cardinal bese for regisjence and any other cause whatsoever shall be deservice. In no event shall Cardinal bese for regisjence and any other cause whatsoever shall be deservice. In no event shall Cardinal bese for regisjence and any other cause whatsoever shall be deservice. In no event shall Cardinal bese for regisjence and any other cause whatsoever shall be deservice. In no event shall Cardinal bese for regisjence and any other cause whatsoever shall be deservice. In no event shall Cardinal bese for regisjence and any other cause whatsoever shall be deservice. In no event shall Cardinal bese for regisjence and any other cause whatsoever shall be deservice. In no event shall Cardinal bese for regisjence and any other cause whatsoever shall be deservice. In no event shall Cardinal bese for regisjence and any other cause whatsoever shall be deservice. In no event shall cardinal bese for regisjence and any other cause whatsoever shall be deserved. 9 SH1 @ SH1 @ SURf 9 SH1 @ SH1 @ SURf 10 SH1 @ SURf 10 SH2 @ SURf 10 SH2 @ SURf 10 SH3 @ SURf 11 SH3 @ SURf 11 SH3 @ SURf 12 SH3 @ SURf 13 SH3 @ SURf 14 SH3 @ SURf 15 SH4 @ SURf 16 SH2 @ SURf 17 SH3 @ SURf 18 SH3 @ SURf 19 SH4 @ SURf 10 SH3 @ SURf 10 SH3 @ SURf 11 SH3 @ SURf 11 SH3 @ SURf 12 SH3 @ SURf 13 SH4 @ SURf 14 SH4 @ SURf 15 SH4 @ SURf 16 SH4 @ SURf 16 SH4 @ SURf 17 SH4 @ SURf 18 SH4 @ SURf 18 SH4 @ SURf 19 SH4 @ SURf 10 SH4 @ SURf 11 SH4 @ SURf 11 SH4 @ SURf 12 SH4 @ SURf 13 SH4 @ SURf 14 SH4 @ SURf 15 SH4 @ SURf 16 SH4 @ SURf 17 SH4 @ SURf 18 SH4 @ SURf 18 SH4 @ SURf 19 SH4 @	NH1 @ Surf 2 NH1 @ 1' 3 NH2 @ Surf 4 NH2 @ 1' 5 EH1 @ Surf EH2 @ Surf EH2 @ Surf EH2 @ 1' EH2 @ 1' SH1 @ Surf EH2 @ 1' EH2 @ or register or an any other cause whatsoever shall be deserved. In or event shall Cardinal be liable for incidental or consequentlal dramages, chalding a service. In or event shall Cardinal be liable for incidental or consequentlal dramages, braining while the service of services of services of consequently for an analyses of service. In or event shall Cardinal be liable for incidental or consequentlal dramages, including while the service of consequently for an analyses of services the service by Consequently for an analyses of services are serviced to the performance of services because the by Consequently for an analyses. All claims including the services of consequently for an analyses. All claims including the services of consequently for an analyses. All claims including the services of consequently for an analyses. All claims including the services of consequently for an analyses. All claims including the services of consequently for an analyses. All claims including the services of consequently for an analyses. All claims including the services of consequently for an analyses. All claims including the services of consequently for an analyses. All claims including the services of consequently for an analyses. All claims including the services of consequently for an analyses. All claims including the services of consequently for an analyses. All claims including the services of consequently for an analyses. All claims including the services of consequently for an analyses. All claims including the services of consequently for an analyses. All claims including the services of consequently for an analyses. All claims including the services of consequently for an analyses.	NH1 @ Surf NH2 @ Surf NH2 @ 1' EH1 @ Surf EH1 @ Surf EH2 @ Surf EH2 @ 1' EH2 @ 1' SH1 @ Surf SH1 of the serior other citerates those for regispence and any other cause total for reserve to the performance of	NH1 @ Surf NH1 @ 1' NH2 @ Surf NH2 @ 1' SEH1 @ Surf EH2 @ 1' EH2 @ 1' SH1 @ Surf SH1 @ Surf O	NH1 @ NH1 @ NH2 @ RH2 W									HOSOH	Lab I.D. Sample I.D.	Sampler Name: Hector Villa	Project Location: Rural Eddy	Project Name: Craig State 3H	Project #: 11733 Project Owner:	Phone #: (575) 396-2378 Fax #: (575)	City: Lovington State: NM	Address: P.O. Box 301	Project Manager: Joel Lowry	Company Name: Etech Environmental & Safety Solutions, Inc.
					semed waived vithout limitatio ardinal, regard	y claim arising	ပ	ထ	9	ഥ	ပ	g	g	g	ပ	(G)RAB OR (C)OMP.					(575) 396-1429	Zip: 8			tions, Inc
			Received By	Received By:	unless mad n, business fless of who	1 whether be	_	7	-		_	_	_	_	1	# CONTAINERS GROUNDWATER				Concho	9	Zip: 88260			
	Sample C Cool In		By:	By:	e in writing interruption ther such o	sed in con	×	×	×	×	×	×	×	×	×	WASTEWATER SOIL ≸				ō					
	Sample Condition Cool Intact Pres Pres		olla !	CYN.	waived unless made in writing and received by Cardinal within imitation, business interruptions, loss of use, or loss of profits regardless of whether such claim is based upon any of the a	tract or tort, sho										SOIL ATRIX SLUDGE	_								
	1		S.	d	y Cardinal or loss of p pon any of	all be limite										OTHER : ACID/BASE: 공	Fax #:	Phone #:	State:	City:	Address:	Attn:	Company:	P.O. #:	
	CHECKED (Initials)		-000	1	within 30 da profits incurr the above s	X to the am	×	×	×	×	×	×	×	×	×	ACID/BASE: PRESENTED FOR SERVICE / COOL SERVICE FOR SE		#:			SS:		any:		BI
	CHECKED BY: (Initials)		7		ys after completion of the a ed by client, its subsidiaries stated reasons or otherwise.	1/9/20 ount paid by the	1/9/20	1/9/20	1/9/20	1/9/20	1/9/20	1/9/20	1/9/20	1/9/20	1/9/20	SAMPLING			Zip:				Co		BILL TO
		Please		Phone Result: Fax Result: REMARKS:	on of the applicab ubsidiaries, otherwise.	13:00 lient for the	12:50	12:40	12:30	12:20	12:10	12:00	11:50	11:40	11:30	TIME							Concho		******
		email re		esult:	.	×	×	×	×	×	×	×	×	×	×		Ch	lori	de						
I		sults		□ Yes		×	×	×	×	×	×	×	×	×	×	TP	Н	(80	15M)					
		Please email results to pm@etechenv.com		s s u		×	×	×	×	×	×	×	×	×	×	вт	EX	(80	21E	3)					
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		v com		Add'l Phone #: Add'l Fax #:				Y																	ANALYSIS
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FORM-006 Revision 1.0

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 mpany Name: Etech Environmental & Safety Solutions, I

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Company Name:	Etech Environmental & Safety Solutions, Inc.	al & Safety Solution	s, in	.0					2000			6	1	BILL TO						B	ANALYSIS	S		R	2	REQUEST	1	1		1			
Project Manager:	: Joel Lowry	and the same and t							771	P.O. #:	#	14																					
Address: P.O.	P.O. Box 301								0	Company:	pan	Ÿ:		Concho	Ō										_								
City: Lovington	7	State: NM	Zip: 88260	288	260				>	Attn:															_								-
Phone #: (575	(575) 396-2378	Fax #: (575) 396-1429	6-14	29					>	Address:	ess.	*													-								-
Project #: 11733	33	Project Owner:		Co	Concho	0			_	City:				The state of the s)	•														_
Project Name:	Craig State 3H								10	State:			2	Zip:		le	5M)	21B	V														-
Project Location:	: Rural Eddy								70	Phone #:	ie#	••				orid	801	(802															_
Sampler Name:	Hector Villa								71	Fax #:						Chl	Н (EX															
FOR LAB USE ONLY							MATRIX	ŝ	1	ס	品	PRESERV.	<u>.</u>	SAMPLING	u,		TF	вт															
Lab I.D.	Sample I.D.	l.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER : ACID/BASE:	ICE / COOL	OTHER:	OTHER,	DATE	TIME																		
//	SH2 @ Surf		9	-							_			1/9/20	13:10	×	×	×					Щ										
/2	SH2 @ 1'		ပ	_			×			-		×		1/9/20	13:20	×	×	×															
13	WH1 @ Surf		g	7			×		-			×		1/9/20	13:30	×	×	×						Į į							M		
14	WH1 @ 1'		9	-			×		-(1			×		1/9/20	13:40	×	×	×							_					-			
15	WH2 @ Surf		9	-1			×					×		1/9/20	13:50	×	×	×	i					117	-								
16	WH2 @ 1'		9	_			×	ļ.,,	-	H	l	×		1/9/20	14:00	×	×	×								1							
17	SP1 @ Surf		g	-			×	-				×	-	1/9/20	14:10	×	×	×									17	Г	11	-	1	Ť	
100	SP1 @ 4'		9	-			×	ļ		-		×	\vdash	1/10/20	9:00	×	×	×		Ħ		П			-		1						
9	SP2 @ Surf		ထ	_			×			_		×	-	1/9/20	14:30	×	×	×															_
26	SP2 @ 4'		g	_		E0 - 1	×	-		H		×		1/10/20	9:30	×	×	×															
PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Car affiliates or successors arising	PLEASE MOTE: Lability and Danages. Cardina's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoeve risal be deemed waived unless made in writing and received by Cardinal within 30 days after competion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	t's exclusive remedy for any claim use whatsoever shall be deemed ental damages, including without of services hereunder by Cardinal	im arisir d waive d limitat al, rega	g whet d unles ion, but rdless o	ther ba is made siness of whe	sed in e in wr interru	contra iting ar ptions, pch clai	d rece	rt, sha	Cardi Cardi or loss	nited t mal wit of pro	o the a	days urred	arising whether based in contract or tort, shall be limited to the amount paid by the client valved unless made in writing and received by Cardinal within 30 days after completion of mitation, business interruptions, loss of use, or loss of profits incrued by client, its subsidi repartdess of whether such claim is based upon any of the above stated reasons or other	nt for the of the applicable sidiaries, herwise.									4 4									
	e	Date: 1-13-26 Time: 3		Received By:	e e	y:	9	2	B	(Me	19	1	N		Phone Resul Fax Result: REMARKS:	Lit:		Yes Yes	□ □ No	A A	Add'l Phone #: Add'l Fax #:	ax	# io										
Relinquished By:	(Date: Time:	70	Received By	ed	Y.								U	Please email results to pm@etecheny.com.	ai re	isults	, 0	m@ete	che	DV.0	Š											
Delivered By: (Circle One)	(Circle One)		Ī		- (0	Sample Condition	ple C	Condi	itio		C	HEC	ECKED (8Y:		1		7				-											_
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FORM-006 Revision 1.0

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

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.	& Safety Solution	ons,	nc.							/ S. Y.				31	BILL 10					ANALYSIS	2	Z.	U.	T	E	č	KEQUESI	-				
Project Manager:	r: Joel Lowry										7	P.O. #:	#																				
Address: P.C	P.O. Box 301	referencing the management of the control of the co									0	Company:	pa	ny:		Concho	cho																
City: Lovington	on	State: NM	Z	Zip: 88260	826	99					D	Attn:																					
Phone #: (57	(575) 396-2378	Fax #: (575) 396-1429	396-	429							D	Address:	es.	S:																			
Project #: 11	11733	Project Owner:	7	0	Concho	cho	O				0	City:)													
Project Name:	Craig State 3H										S	State:				Zip:		le	5M)	21B													_
Project Location:	n: Rural Eddy										7	Phone #:	le a	75				orio	801	(80													
Sampler Name:	Hector Villa										П	Fax #:	#					Chl	H (EX													
FOR LAB USE ONLY				_	1	-		MATRIX	짇			TI	PRESERV	SE	2	SAMPLING	เด		TP	вт													
Lab I.D. <i>Hogo 114</i>	Sample I.D.	Þ.	(G)RAB OR (C)OMP	# CONTAINERS		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	Contract Contract	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME															Ÿ i	
21	SP3 @ Surf		9		->			×			-			×		1/9/20	14:50	×	×	×													
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analyses. All claims includir service. In no event shall C	T-CASE IVITE. Leading all valleges, catallies instant a party of any seminated process asset in collect on, seem be mined to the anomal party partients for analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors afficially and of or related to the certomrance of services therefore by Cardinal repartless of whether such plain is based upon any of the above stated reasons or otherwise.	se whatsoever shall be deep thatsoever shall be deep that damages, including with services bereignder by Can	med wa	ived u	niess , busin	made ress in	in w	nting uption	and n	eceive s of t	ed by	Card	of p	ofits	30 da	ys after completion red by client, its sub- stated reasons or of	of the applicable sidiaries,																
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Relinquished By:	y:	Date: Time:		ece	ive	Ö,	Ý.									1	Please email		SHIP	results to pm@etecheny.com	eteche	2	9	_									
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February 27, 2020

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: CRAIG STATE 3H

Enclosed are the results of analyses for samples received by the laboratory on 02/26/20 8:58.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. 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

Applyand By CV

Fax To: (575) 396-1429

Received:

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020 CRAIG STATE 3H Sampling Type:

Soil

Project Name:

11722

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

Project Number:

11733

Project Location:

DTEV 0021D

CONCHO - EDDY CO NM

Sample ID: FL 3 A @ 3' (H000605-03)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/26/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/26/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/26/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	<0.300	0.300	02/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/27/2020	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	208	104	200	1.43	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	230	115	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	82.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	83.0	% 42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

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Analytical Results For:

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

Analyzed By: CK

Fax To: (575) 396-1429

Received: Reported:

RTFY 8021R

02/26/2020

02/27/2020

Project Name: Project Number: CRAIG STATE 3H 11733

Project Location:

11/33

CONCHO - EDDY CO NM

Sampling Date:

02/25/2020

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: FL 4 A @ 3' (H000605-04)

B1EX 8021B	тд/кд		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/26/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/26/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/26/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	<0.300	0.300	02/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/27/2020	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	208	104	200	1.43	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	230	115	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	86.9 % 44.3-14		4						
Surrogate: 1-Chlorooctadecane	87.3	% 42.2-15	6						

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*=Accredited Analyte

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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:

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H 11733

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

Project Number: Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 5 A @ 3' (H000605-05)

BTEX 8021B	mg,	mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	< 0.050	0.050	02/26/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/26/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/26/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	< 0.300	0.300	02/26/2020	ND					

Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/27/2020	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	208	104	200	1.43	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	230	115	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					

Surrogate: 1-Chlorooctadecane

93.0 %

42.2-156

Cardinal Laboratories *=Accredited Analyte

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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:

BTEX 8021B

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

mg/kg

92.3 %

42.2-156

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 6 A @ 3' (H000605-06)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/26/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/26/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/26/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	<0.300	0.300	02/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/27/2020	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	208	104	200	1.43	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	230	115	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	88.9	% 44.3-14	4						

Analyzed By: CK

Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

*=Accredited Analyte

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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:

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 7 A @ 3' (H000605-07)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/26/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/26/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/26/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	<0.300	0.300	02/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 73.3-12	9						
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	02/27/2020	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	208	104	200	1.43	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	230	115	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	85.9 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	89.0	% 42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

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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:

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 8 A @ 3' (H000605-08)

BTEX 8021B	mg	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/26/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/26/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/26/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	<0.300	0.300	02/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 73.3-12	9						
Chloride, SM4500Cl-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	02/27/2020	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	208	104	200	1.43	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	230	115	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	84.4	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	88.1	% 42.2-15	6						

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*=Accredited Analyte

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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:

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 3 b @ 3' (H000605-11)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/26/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/26/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/26/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	<0.300	0.300	02/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/27/2020	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	208	104	200	1.43	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	230	115	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	86.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	88.3	% 42.2-15	6						

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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:

BTEX 8021B

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

mg/kg

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 4 b @ 3' (H000605-12)

DIEX GOZID	ıııg,	wa .	7	u by. cit					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/26/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/26/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/26/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	<0.300	0.300	02/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 73.3-12	9						
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	02/27/2020	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	208	104	200	1.43	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	230	115	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	83.4	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	86.4	% 42.2-15	6						

Analyzed By: CK

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Analytical Results For:

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

Analyzed By: CK

Fax To: (575) 396-1429

Received:

BTEX 8021B

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

mg/kg

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 5 b @ 3' (H000605-13)

	٠,								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/26/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/26/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/26/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	<0.300	0.300	02/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/27/2020	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	208	104	200	1.43	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	230	115	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	88.1	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	88.7	% 42.2-15	6						

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Analytical Results For:

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

Analyzed By: CK

Fax To: (575) 396-1429

Received:

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

mg/kg

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

Project Number:

11733

Project Location:

BTEX 8021B

CONCHO - EDDY CO NM

Sample ID: FL 6 b @ 3' (H000605-14)

DIEX GOZID	1119/	- Kg	Allulyzo	u by. ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/26/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/26/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/26/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	<0.300	0.300	02/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 73.3-12	9						
Chloride, SM4500CI-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	02/27/2020	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	208	104	200	1.43	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	230	115	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	83.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	86.2	% 42.2-15	6						

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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:

Total Xylenes*

Total BTEX

02/26/2020

Sampling Date:

ND

ND

02/25/2020

6.00

Reported: Project Name: 02/27/2020 CRAIG STATE 3H Sampling Type: Sampling Condition:

97.3

Sample Received By:

5.84

Soil Cool & Intact

Tamara Oldaker

7.09

Project Number:

11733

Project Location:

Sample ID: FL 7 b @ 3' (H000605-15)

CONCHO - EDDY CO NM

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/26/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/26/2020	ND	2.01	101	2.00	6.85	

Surrogate: 4-Bromofluorobenzene (PID

97.9 %

< 0.150

< 0.300

73.3-129

02/26/2020

02/26/2020

0.150

0.300

Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/27/2020	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	208	104	200	1.43	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	230	115	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					

Surrogate: 1-Chlorooctane

76.5 %

44.3-144

Surrogate: 1-Chlorooctadecane

74.8 %

42.2-156

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Analytical Results For:

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

Analyzed By: CK

Fax To: (575) 396-1429

Received:

BTEX 8021B

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

mg/kg

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 8 b @ 3' (H000605-16)

DILX GOZID	ıııg,	, kg	Andryzo	u by. cit					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/26/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/26/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/26/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	<0.300	0.300	02/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500Cl-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	02/27/2020	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	208	104	200	1.43	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	230	115	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	79.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	80.1	% 42.2-15	6						

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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:

BTEX 8021B

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 2 C @ 4.5' (H000605-18)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/26/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/26/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/26/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	<0.300	0.300	02/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	02/27/2020	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	208	104	200	1.43	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	230	115	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	81.6	% 44.3-14	4						

Analyzed By: CK

Surrogate: 1-Chlorooctane 81.0 % 44.3-144
Surrogate: 1-Chlorooctadecane 84.6 % 42.2-156

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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:

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 3 C @ 4.5' (H000605-19)

BTEX 8021B	mg,	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/26/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/26/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/26/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	<0.300	0.300	02/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/27/2020	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	208	104	200	1.43	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	230	115	200	0.144	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	89.4	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	92.9	% 42.2-15	6						

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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:

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

11733

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

Project Number: Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 4 C @ 4.5' (H000605-20)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/26/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/26/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/26/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	<0.300	0.300	02/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/27/2020	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2020	ND	198	99.1	200	5.76	
DRO >C10-C28*	<10.0	10.0	02/26/2020	ND	216	108	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/26/2020	ND					
Surrogate: 1-Chlorooctane	101 %	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	107 9	6 42.2-15	6						

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Analytical Results For:

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

Analyzed By: CK

Fax To: (575) 396-1429

Received:

BTEX 8021B

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Tamara Oldaker

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 5 C @ 5.5' (H000605-21)

DIEX GOZID	mg/kg		Analyzed by: ex						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/27/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/27/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/27/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	<0.300	0.300	02/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/27/2020	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2020	ND	198	99.1	200	5.76	
DRO >C10-C28*	<10.0	10.0	02/26/2020	ND	216	108	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/26/2020	ND					
Surrogate: 1-Chlorooctane	104	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	108	% 42.2-15	6						

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Analytical Results For:

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

Analyzed By: CK

Fax To: (575) 396-1429

Received:

BTEX 8021B

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 6 C @ 5.5' (H000605-22)

DIEX GOZID	ilig/ kg		Allulyzeu by: ek						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/27/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/27/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/27/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	<0.300	0.300	02/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/27/2020	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2020	ND	198	99.1	200	5.76	
DRO >C10-C28*	<10.0	10.0	02/26/2020	ND	216	108	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/26/2020	ND					
Surrogate: 1-Chlorooctane	103 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	106 9	% 42.2-15	6						

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Celeg D. Freene



Analytical Results For:

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

Fax To: (575) 396-1429

Received:

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 7 C @ 5.5' (H000605-23)

BTEX 8021B	mg/kg		Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/27/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/27/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/27/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	<0.300	0.300	02/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/27/2020	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2020	ND	198	99.1	200	5.76	
DRO >C10-C28*	<10.0	10.0	02/26/2020	ND	216	108	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/26/2020	ND					
Surrogate: 1-Chlorooctane	100 %	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	104 9	% 42.2-15	6						

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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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:

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

Sampling Condition:

Cool & Intact

Project Number:

11733

Project Location: CONCHO - EDDY CO NM Sample Received By:

Tamara Oldaker

Sample ID: FL 8 C @ 5.5' (H000605-24)

BTEX 8021B	mg/kg		Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2020	ND	1.98	98.9	2.00	6.41	
Toluene*	<0.050	0.050	02/27/2020	ND	1.99	99.3	2.00	6.48	
Ethylbenzene*	<0.050	0.050	02/27/2020	ND	2.01	101	2.00	6.85	
Total Xylenes*	<0.150	0.150	02/27/2020	ND	5.84	97.3	6.00	7.09	
Total BTEX	<0.300	0.300	02/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.69	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/27/2020	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2020	ND	198	99.1	200	5.76	
DRO >C10-C28*	<10.0	10.0	02/26/2020	ND	216	108	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/26/2020	ND					
Surrogate: 1-Chlorooctane	97.0 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	101 %	6 42.2-15	6						

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Analytical Results For:

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

Analyzed By: CK

Fax To: (575) 396-1429

Received:

RTFY 8021R

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 2 D @ 5' (H000605-26)

C RPD Qualifi 6.14 6.27 6.17 6.24
6.27 6.17
6.17
6.24
C RPD Qualif
3.92
C RPD Qualif
5.76
2.61

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Celey D. Kune



Analytical Results For:

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

Fax To: (575) 396-1429

Received:

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Sample Received By:

Soil

Project Name:

CRAIG STATE 3H

Sampling Condition:

Cool & Intact Tamara Oldaker

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 3 d @ 5' (H000605-27)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2020	ND	1.91	95.3	2.00	6.14	
Toluene*	<0.050	0.050	02/27/2020	ND	1.92	95.9	2.00	6.27	
Ethylbenzene*	<0.050	0.050	02/27/2020	ND	1.94	97.0	2.00	6.17	
Total Xylenes*	<0.150	0.150	02/27/2020	ND	5.69	94.9	6.00	6.24	
Total BTEX	<0.300	0.300	02/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/27/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2020	ND	198	99.1	200	5.76	
DRO >C10-C28*	<10.0	10.0	02/26/2020	ND	216	108	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/26/2020	ND					
Surrogate: 1-Chlorooctane	89.3	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	90.8	% 42.2-15	6						

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Celeg D. Freene



Analytical Results For:

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

Fax To: (575) 396-1429

Received:

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

Sampling Condition:

Cool & Intact

Project Number:

11733

CONCHO - EDDY CO NM Project Location:

Sample Received By:

Tamara Oldaker

Sample ID: FL 4 d @ 5' (H000605-28)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2020	ND	1.91	95.3	2.00	6.14	
Toluene*	<0.050	0.050	02/27/2020	ND	1.92	95.9	2.00	6.27	
Ethylbenzene*	<0.050	0.050	02/27/2020	ND	1.94	97.0	2.00	6.17	
Total Xylenes*	<0.150	0.150	02/27/2020	ND	5.69	94.9	6.00	6.24	
Total BTEX	<0.300	0.300	02/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/27/2020	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2020	ND	198	99.1	200	5.76	
DRO >C10-C28*	<10.0	10.0	02/26/2020	ND	216	108	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/26/2020	ND					
Surrogate: 1-Chlorooctane	87.5	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	92.0	% 42.2-15	6						

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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:

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020 **CRAIG STATE 3H** Sampling Type:

Soil

Project Name:

Sampling Condition:

Cool & Intact

Project Number: Project Location: 11733

CONCHO - EDDY CO NM

Sample Received By: Tamara Oldaker

Sample ID: FL 5 d @ 5' (H000605-29)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2020	ND	1.91	95.3	2.00	6.14	
Toluene*	<0.050	0.050	02/27/2020	ND	1.92	95.9	2.00	6.27	
Ethylbenzene*	<0.050	0.050	02/27/2020	ND	1.94	97.0	2.00	6.17	
Total Xylenes*	<0.150	0.150	02/27/2020	ND	5.69	94.9	6.00	6.24	
Total BTEX	<0.300	0.300	02/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/27/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2020	ND	198	99.1	200	5.76	
DRO >C10-C28*	<10.0	10.0	02/26/2020	ND	216	108	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/26/2020	ND					
Surrogate: 1-Chlorooctane	92.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	95.0	% 42.2-15	6						

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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:

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 6 d @ 5' (H000605-30)

BTEX 8021B	mg/kg		Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2020	ND	1.91	95.3	2.00	6.14	
Toluene*	<0.050	0.050	02/27/2020	ND	1.92	95.9	2.00	6.27	
Ethylbenzene*	<0.050	0.050	02/27/2020	ND	1.94	97.0	2.00	6.17	
Total Xylenes*	<0.150	0.150	02/27/2020	ND	5.69	94.9	6.00	6.24	
Total BTEX	<0.300	0.300	02/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/27/2020	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/26/2020	ND	198	99.1	200	5.76	
DRO >C10-C28*	<10.0	10.0	02/26/2020	ND	216	108	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/26/2020	ND					
Surrogate: 1-Chlorooctane	89.8 9	6 44.3-14	4						
Surrogate: 1-Chlorooctadecane	91.49	6 42.2-15	6						

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*=Accredited Analyte

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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:

02/26/2020

Sampling Date: Sampling Type: 02/25/2020

Reported:

02/27/2020 **CRAIG STATE 3H**

Soil

Project Name:

11733

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

Project Number:

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 7 @ 5' (H000605-31)

BTEX 8021B	mg	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2020	ND	1.91	95.3	2.00	6.14	
Toluene*	<0.050	0.050	02/27/2020	ND	1.92	95.9	2.00	6.27	
Ethylbenzene*	<0.050	0.050	02/27/2020	ND	1.94	97.0	2.00	6.17	
Total Xylenes*	<0.150	0.150	02/27/2020	ND	5.69	94.9	6.00	6.24	
Total BTEX	<0.300	0.300	02/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/27/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	198	99.1	200	5.76	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	216	108	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	89.6	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	91.8	% 42.2-15	6						

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*=Accredited Analyte

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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:

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 8 d @ 5' (H000605-32)

BTEX 8021B	mg	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2020	ND	1.91	95.3	2.00	6.14	
Toluene*	<0.050	0.050	02/27/2020	ND	1.92	95.9	2.00	6.27	
Ethylbenzene*	<0.050	0.050	02/27/2020	ND	1.94	97.0	2.00	6.17	
Total Xylenes*	<0.150	0.150	02/27/2020	ND	5.69	94.9	6.00	6.24	
Total BTEX	<0.300	0.300	02/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/27/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	198	99.1	200	5.76	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	216	108	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	94.9	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	99.2	% 42.2-15	6						

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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: 02/26/2020 Reported: 02/27/2020

Project Name: CRAIG STATE 3H

Project Number: 11733

Project Location: CONCHO - EDDY CO NM

Sampling Date: 02/25/2020

Sampling Type: Soil

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

Sample ID: EW C @ 5.5' (H000605-33)

BTEX 8021B	mg/	kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2020	ND	1.91	95.3	2.00	6.14	
Toluene*	<0.050	0.050	02/27/2020	ND	1.92	95.9	2.00	6.27	
Ethylbenzene*	<0.050	0.050	02/27/2020	ND	1.94	97.0	2.00	6.17	
Total Xylenes*	<0.150	0.150	02/27/2020	ND	5.69	94.9	6.00	6.24	
Total BTEX	<0.300	0.300	02/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 73.3-12	9						
Chloride, SM4500Cl-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	02/27/2020	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	198	99.1	200	5.76	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	216	108	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	93.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	98.1	% 42.2-15	6						

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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:

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

mg/kg

Sampling Type:

Soil

Project Name:

BTEX 8021B

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: NEW 2A @ 3' (H000605-34)

DILX GOZID	ilig/	9	Andryzo	u by. cit					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2020	ND	1.91	95.3	2.00	6.14	
Toluene*	<0.050	0.050	02/27/2020	ND	1.92	95.9	2.00	6.27	
Ethylbenzene*	<0.050	0.050	02/27/2020	ND	1.94	97.0	2.00	6.17	
Total Xylenes*	<0.150	0.150	02/27/2020	ND	5.69	94.9	6.00	6.24	
Total BTEX	<0.300	0.300	02/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500Cl-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	02/27/2020	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	198	99.1	200	5.76	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	216	108	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	93.4	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	99.1	% 42.2-15	6						

Analyzed By: CK

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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:

02/26/2020

Sampling Date:

02/25/2020

Reported:

02/27/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: WW 2b @ 3' (H000605-35)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2020	ND	1.91	95.3	2.00	6.14	
Toluene*	<0.050	0.050	02/27/2020	ND	1.92	95.9	2.00	6.27	
Ethylbenzene*	<0.050	0.050	02/27/2020	ND	1.94	97.0	2.00	6.17	
Total Xylenes*	<0.150	0.150	02/27/2020	ND	5.69	94.9	6.00	6.24	
Total BTEX	<0.300	0.300	02/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	6 73.3-12	9						
Chloride, SM4500Cl-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	02/27/2020	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2020	ND	198	99.1	200	5.76	
DRO >C10-C28*	<10.0	10.0	02/27/2020	ND	216	108	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	02/27/2020	ND					
Surrogate: 1-Chlorooctane	93.1	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	98.8	% 42.2-15	6						

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Notes and Definitions

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Page 32 of 35



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Mariand, Hopps, NW 88240 (575) 393-2326 FAX (575) 393-2476

Address: 3100 Plains Hwy Company: Co Company: C	Company Name: Etech Environmental & Safety Solutions	BILL TO		ANALYSIS	REQUEST
Color Colo	Project Manager: Joel Lowry	P.O. #:			
Color Colo	Address: 3100 Plains Hwy	Company: COG			
Compact Fax #: 575-396-1429 Address: City: C	City: Lovington State: NM Zip: 88260				
State: Zip: Phone #: Project Location: Eddy Phone #: Parmiller Name: Lector O; (In Project Location: Eddy Phone #: Parmiller					
Phone #: Phone #:	Project #: 1173 Project Owner: CGG	City:			
Phone #: Phone #:	Project Name: Crais St. #3H	State: Zip:			
Fampler Name:	Project Location: Eddy				
C A A A A A A A A A					
Lab I.D. Sample I.D. Sample	FOR LAB USE ONLY MATRIX	PRESERV. SAMPLING			
2 = 2 A @ 3' 2	HODO 602 Tab I.D. Sample I.D. Sample I.D. Soll.	OTHER: OCHER: OCHER: OTHER: OTHER:	Chloride TPH BTEX 8021		
2 FL 3 A @ 3' C \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	I FLIAROS' ICIII	X 1.25.20	111	Maca	0-01-
1	2 F624 63' C 11 1	1 1 22.20	X Y V	NODA	mpie
		12526	(X X		
C	4 66 4 A @ 3'	1-25-20	(
8 FL 8 A @3 ' C) X 1.25.20	SFLS A @3' C Y K		(
8 FL 8 A @3 ' C X 1.25.20	GELGAGS.		4 4 K		
EASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remoty for any claim artising whether have in contrast that the contrast that	7,66,7,8,03				
EASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remoty for any claim artising whether have in contrast that	8 1 2 8 6 3				
EASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contrast or law.			7 7		
	EASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contr	of or lost shall be limited to the second and to the state of			
	illates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such of elinquished By: Date: Date: Received By: Time:	Phone Res	sult: Yes	No Add'l Fax #:	

Relinquished By:	Date: 2/26/20 Time!	Received By:	0/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	Phone Result: Fax Result:	☐ Yes ☐ No ☐ Yes ☐ No	Add'l Phone #: Add'l Fax #:
Relinquished By:	08158	Received By:	daleye	REMARKS:	Email results to	PM@Etechenv.com
	Time:					Client Contacts
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	-6.8° #	Sample Condition Cool Intact Pes Pres No No	CHECKED BY: (Initials)		Rush	COC per Joel L.

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

Page 33 of 35



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Mariand, Hopps, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name	Etech Environmental & Safety Solution	ons						В	ILL TO			-			ANI	I VCI	S RE	OUE	-			
Project Manage	r: Joel Lowry				***************************************	P	.0.		dender (Malijan)	<u> </u>				Í	ANA	LISI	3 KE	QUES	1		1	
Address: 310	00 Plains Hwy				***************************************	C	omr	any:	C0 9		1											
City: Lovingt	on State: NM	Zir):	88260			***************************************		oja N	٠.١_	1		1	1			1				1	
Phone #: 575	5-396-2378 Fax #: 575-396-1	429	*(*************************************		***************************************		ddre		010 /o	200					1		1			l n		B
Project#:	139 Project Owner: (· 6	3,		***************************************		ity:			2.						1				V.		
	Craix St.#3H			***************************************			tate:		Zip:		-							1			1	
Project Locatio	n: Eddu		***************************************				hone		Zip.													11
Sampler Name:							ax #:				-		T	Л								
FOR LAB USE ONLY	J. C. C. C.	T	П	MAT	RIX	11.0	_	ESERV	SAMPL	ING	1			Y .								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMF	# CONTAINERS	GROUNDWATER WASTEWATER SOIL	OIL	THER:	ACID/BASE:	ICE / COOL	DATE	TIME	Chloride	ТРН	BTEX 8021									
9	PC 1603'	C	T	3 3 60	0 0,		4	N/		1 DAIC	0	-	1 1/	-						- =1		4
10	6695@3'	C	1	,				N -	11-25-20		1	1	+	-	\perp	VO	Sa	u	alo			
	er3 pos,	c	1	v		1			12530		1	X	-		/							-
12	PC47001	e	1	X X		1		H_{T}	1-25-20	Į	(×	X	-	1							-
13	EC 56@3'	C	1	X					[.92.90		1	r	X	-	-	1						
14	FL66 @3'	C	1	1 1					1-25:20		4	٧	r		-	·	-					-
15	FL 76 @3'	0000	1	y					1-25:20		,	γ,	X			-						-
16	FL 86 @3!	C	1	X					1.25.20		×	X	1								·	-
			1	y					1.05.00		K	X	þ		-				·			-
DI FASS NOTS: 15-100		C	1	X	j				11 3. 00		K	x	λ	1		•	(-
service. In no event shall Ca affiliates or successors arisin	d Damages. Cardina's liability and client's exclusive remedy for an g those for negligence and any other cause whatsoever shall be de ridinal be liable for incidental or consequental damages, including w g out of or related to the performance of services hereunder by Co	emed w	alved u	lless made in writ	ing and	receiv	ed by C	ardinal wit	the amount paid hin 30 days after o	completion of the	applicable		T. K									
Relinquished By	Date: Z/26/20	Red	eive	d By:	ar Califf	5 083	eu upoi	7 /	above stated rea	Phone Res	sult:	☐ Ye		No	Add'l F	hone #	:					
Matr	Time:			Bunn	60	1	//	1/	160	Fax Resul		☐ Ye		No	Add'l F							
Relinquished By	: Date:	Red	eive	d By:	4	1	M	jea	RYC	REMAR	ins:	Email	result	s to	PM@	Etech	env.co	m				
	Time:														Cli	ent Co	ntacts	***************************************				
Delivered By: Sampler - UPS		11:	3	Sample C Cool In	Ye	s		(Init			R	ush	1									

Page 34 of 35



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Client Contacts

Kush

101 East Mariand, Hopps, NW 88240

Company Name: Etech Environmental & Safety S							RI	LL TO				-		ANIA	I Vel	e DE	QUES	т.		
Project Manager: Joel Lowry					P.0	D. #:								AINA	1 313	J KE	QUES	T		1 1
Address: 3100 Plains Hwy	*****************************				Co	mpan	y:	Cog		1										
City: Lovington State: NM	Zip):	88260		Att	n: 10		ya Ne	el			1				1.	1			
Phone #: 575-396-2378 Fax #: 575-3	96-1429					dress									1					1 1
Project #: 1737 Project Owne	r: C0	E			Cit	y:				1									ľ	
Project Name: Crair St. #3H					Sta	ite:		Zip:								1				
Project Location: Eddy					Pho	one #:				1									ĺ	1 1
Sampler Name: Hector Villa				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-	c#:						1		8						L
FOR LAB USE ONLY	100		MATI	RIX		PRES	ERV.	SAMPLI	NG	1										1 1
Lab I.D. Sample I.D.	(G)RAB OR (C)OMF	# CONTAINERS	GROUNDWATER WASTEWATER SOIL	SLUDGE	OTHER:	ACID/BASE: ICE / COOL	OTHER:	DATE	TIME	Chloride	ТРН	BTEX 8021								
17/16/10/14	C	1	1			M	_	1-25 20		1	1/	1			MA	2	Buch	501		
18 82200 41/2	C	1	Y			1		11.22.20		X	Y	v			180	0	T	rec.		
19 82300 41/2	C	1	v			Jy 1		12526		(X	K								
20 FL 9C @ 41/2	e	1	X					1-25.20		1	X	×								
21 PL SCQ 5'4	C	1	1					1.95:40		1	r	X			***************************************					
22 PL6CQ 51/2	C	1	k					1-25:20		4	Y	K							,	·····
23 FL 9 C @ 51/2	C	1	у					25:20		1	7	X		***************************************						
24 FL 80 @ 51/2	C)	X					1.05.00		×	X	*								
25 FL 10 05'	C	1	٧.					1-05.00		¥	×	<u>,</u>		N	0 3	au	wo	le		
26 PL2005'	C	1	1		and the same of th	U		1-23-20		K	X	٨			,	***************************************				
PLEASE NOTE: Liability and Damages. Cardina's liability and client's exclusive remed analyses. All claims including those for negligence and any other cause whatsoever should be approximately an extension of the control of the con	ill be deemed	valved t	inless made in writ	mand	received	by Cardi	mal withi	a 30 days after or	ampletion of the											
service. In no event shall Cardinal be liable for incidental or consequental damages, in affiliates or successors arising out of or related to the performance of services between Pates. Relinquished By: Relinquished By: Date:	luding without ler by Cardinal.	regardi Ce i Ve	husiness internu	tions lo	ee of ue	a or love	of profit	ts incurred by clier above stated reas	at the make latter de	s, e. sult: t:	☐ Ye	s 🗆	No	Add'l F	Phone # ax #: Etech		om_			

CHECKED BY:

(Initials)

Sample Condition

Time:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

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

Page 35 of 35



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Mariand, Hopps, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name: Etech Environmental & Safety Solutions		BILL TO				ΔΝΑΙΥ	'SIS DE	QUEST		
Project Manager: Joel Lowry	P.O. #:			-		ANALI	OIO IXE	QUEST		
Address: 3100 Plains Hwy	Company:	COG	1 1				- 1-1			
City: Lovington State: NM Zip: 88		Gia Neel		1				1 1	1	1 1
Phone #: 575-396-2378	Address:	My /vec								1 1
Project #: 11733 Project Owner: CAC	City:					1 1	The second			
Project Name: Croic 分 孝2片	State:	Zip:	=							
Project Name: Craia St #3 H Project Location: Eday		ZIP:	-							
Sampler Name: Hector Villa	Phone #:		-							
FOR LAB USE ONLY	Fax #: IATRIX PRESER	V. SAMPLING	1	1	1			1		
M N		CAM LING	1					7 0		
Tab I.D. Sample I.D. HCOOKES GROUNDWATER GROUNDWATER	SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL	DATE TIME	Chloride	TPH	BTEX 8021					
27 FL3105' CT	1 1	1.25.20		1	ш	4				
28 PC 916 S' CI		1.25.20	X	Y	,					
29 PL 5/0 5' CI		125%			¥					
30 PZ 600 S' CI		1.25.20		~	X					
31 PL 7 à S' (C)	K	[.92.98]	-		X					
32 GL 86 5' CII		1-25:20	-	·	r		over of Samuel			
33 860 6 6 5 /2 (1)	v III	1-25:00			X					
34 NEV 210 31		1.25.00		-	k					
35 WW26@3' CI		1-25.20		x	k					
[6,10]		11 22 04		X	à					
LEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising wheth ralyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless ervice. In or event shall Cardinal be faible for incidental or consequental damages, including without limitation, busing the consequence of services bereurder by Cardinal, regardless of Received By: Date: Received By: Rece	in writing and received by Cardinal w	rithin 30 days after completion of the	applicable s, s sult:	Yes Yes nail re	□ No □ No sults to	Add'l Phor Add'l Fax a PM@Ete	t:	om_		
Delivered By: (Circle One)					min	Client	Contacts	2		
	e Condition CHEC Intact (Ini	KED BY: tials)		k	ash					



March 02, 2020

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: CRAIG STATE 3H

Enclosed are the results of analyses for samples received by the laboratory on 02/26/20 8:56.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. 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: Reported: 02/26/2020

03/02/2020

CONCHO - EDDY CO NM

Project Name: Project Number: CRAIG STATE 3H

Project Location:

11733

Sampling Date:

02/24/2020

Sampling Type:

Soil

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

Sample ID: FL 1 @ 3' (H000610-01)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2020	ND	1.78	88.8	2.00	8.33	
Toluene*	<0.050	0.050	02/28/2020	ND	1.79	89.4	2.00	8.44	
Ethylbenzene*	<0.050	0.050	02/28/2020	ND	1.79	89.6	2.00	8.66	
Total Xylenes*	<0.150	0.150	02/28/2020	ND	5.26	87.7	6.00	8.94	
Total BTEX	<0.300	0.300	02/28/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/28/2020	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/29/2020	ND	216	108	200	5.42	
DRO >C10-C28*	<10.0	10.0	02/29/2020	ND	229	115	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/29/2020	ND					
Surrogate: 1-Chlorooctane	89.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	92.7	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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Celeg & Freene



Analytical Results For:

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

Analyzed By: CK

Fax To: (575) 396-1429

Received:

02/26/2020

Reported: Project Name: 03/02/2020 **CRAIG STATE 3H**

ma/ka

Project Number:

11733

Project Location:

RTFY 8021R

CONCHO - EDDY CO NM

Sampling Date:

02/24/2020

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: FL 2 @ 3' (H000610-02)

Result	Reporting Limit							
	por.ag	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	02/28/2020	ND	1.78	88.8	2.00	8.33	
<0.050	0.050	02/28/2020	ND	1.79	89.4	2.00	8.44	
<0.050	0.050	02/28/2020	ND	1.79	89.6	2.00	8.66	
<0.150	0.150	02/28/2020	ND	5.26	87.7	6.00	8.94	
<0.300	0.300	02/28/2020	ND					
99.6	% 73.3-12	9						
mg/	/kg	Analyze	d By: GM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
384	16.0	02/28/2020	ND	400	100	400	3.92	
mg/	/kg	Analyze	d By: CK					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	02/29/2020	ND	216	108	200	5.42	
<10.0	10.0	02/29/2020	ND	229	115	200	5.36	
<10.0	10.0	02/29/2020	ND					
94.2	% 44.3-14	4						
98.5	% 42.2-15	6						
	<0.050 <0.050 <0.050 <0.150 <0.300 99.6 mg/ Result 384 mg/ Control of the c	<0.050 <0.050 <0.050 <0.150 <0.300 99.6 % 73.3-12 mg/ky Result Reporting Limit 384 16.0 mg/ky Result Reporting Limit <10.0 <10.0 <10.0 <10.0 <10.0 <44.3-14	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Cardinal Laboratories

*=Accredited Analyte

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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:

02/26/2020

Sampling Date:

02/24/2020

Reported:

03/02/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: NEW @ 3' (H000610-03)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Reco	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2020	ND	1.78	88.8	2.00	8.33	
Toluene*	<0.050	0.050	02/28/2020	ND	1.79	89.4	2.00	8.44	
Ethylbenzene*	<0.050	0.050	02/28/2020	ND	1.79	89.6	2.00	8.66	
Total Xylenes*	<0.150	0.150	02/28/2020	ND	5.26	87.7	6.00	8.94	
Total BTEX	<0.300	0.300	02/28/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/28/2020	ND	400	100	400	3.92	
TPH 8015M	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/29/2020	ND	216	108	200	5.42	
DRO >C10-C28*	<10.0	10.0	02/29/2020	ND	229	115	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/29/2020	ND					
Surrogate: 1-Chlorooctane	95.8	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	98.1	% 42.2-15	6						

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Celeg D. Freene



Analytical Results For:

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

Fax To: (575) 396-1429

Received:

02/26/2020

Sampling Date:

02/24/2020

Reported:

03/02/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: WW @ 3' (H000610-04)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2020	ND	1.78	88.8	2.00	8.33	
Toluene*	<0.050	0.050	02/28/2020	ND	1.79	89.4	2.00	8.44	
Ethylbenzene*	<0.050	0.050	02/28/2020	ND	1.79	89.6	2.00	8.66	
Total Xylenes*	<0.150	0.150	02/28/2020	ND	5.26	87.7	6.00	8.94	
Total BTEX	<0.300	0.300	02/28/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID			9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/28/2020	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/29/2020	ND	216	108	200	5.42	
DRO >C10-C28*	<10.0	10.0	02/29/2020	ND	229	115	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/29/2020	ND					
Surrogate: 1-Chlorooctane	99.3	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	102 9	42.2-15	6						

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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:

02/26/2020

Sampling Date:

02/24/2020

Reported:

03/02/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 1b @ 3' (H000610-05)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2020	ND	1.78	88.8	2.00	8.33	
Toluene*	<0.050	0.050	02/28/2020	ND	1.79	89.4	2.00	8.44	
Ethylbenzene*	<0.050	0.050	02/28/2020	ND	1.79	89.6	2.00	8.66	
Total Xylenes*	<0.150	0.150	02/28/2020	ND	5.26	87.7	6.00	8.94	
Total BTEX	<0.300	0.300	02/28/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/28/2020	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/29/2020	ND	216	108	200	5.42	
DRO >C10-C28*	<10.0	10.0	02/29/2020	ND	229	115	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/29/2020	ND					
Surrogate: 1-Chlorooctane	103	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	105	% 42.2-15	6						

Cardinal Laboratories

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Analytical Results For:

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

Analyzed By: CK

Fax To: (575) 396-1429

Received:

BTEX 8021B

02/26/2020

Sampling Date:

02/24/2020

Reported:

03/02/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

mg/kg

Sampling Condition:

Cool & Intact

Project Number:

11733

Sample Received By:

Tamara Oldaker

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 2b @ 2' (H000610-06)

DILX GOZID	ıııg,	, kg	Andryzo	a by. Cit					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2020	ND	1.78	88.8	2.00	8.33	
Toluene*	<0.050	0.050	02/28/2020	ND	1.79	89.4	2.00	8.44	
Ethylbenzene*	<0.050	0.050	02/28/2020	ND	1.79	89.6	2.00	8.66	
Total Xylenes*	<0.150	0.150	02/28/2020	ND	5.26	87.7	6.00	8.94	
Total BTEX	<0.300	0.300	02/28/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/28/2020	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/29/2020	ND	216	108	200	5.42	
DRO >C10-C28*	<10.0	10.0	02/29/2020	ND	229	115	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/29/2020	ND					
Surrogate: 1-Chlorooctane	92.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	94.6	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

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

Analyzed By: CK

Fax To: (575) 396-1429

Received:

RTFY 8021R

02/26/2020

Sampling Date:

02/24/2020

Reported:

03/02/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

ma/ka

Sampling Condition:

Cool & Intact

Project Number:

11733

Sample Received By:

Tamara Oldaker

Project Location:

CONCHO - EDDY CO NM

Sample ID: EW b @ 3' (H000610-07)

Analyte									
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2020	ND	1.78	88.8	2.00	8.33	
Toluene*	<0.050	0.050	02/28/2020	ND	1.79	89.4	2.00	8.44	
Ethylbenzene*	<0.050	0.050	02/28/2020	ND	1.79	89.6	2.00	8.66	
Total Xylenes*	<0.150	0.150	02/28/2020	ND	5.26	87.7	6.00	8.94	
Total BTEX	<0.300	0.300	02/28/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	02/28/2020	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/29/2020	ND	216	108	200	5.42	
DRO >C10-C28*	<10.0	10.0	02/29/2020	ND	229	115	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/29/2020	ND					
Surrogate: 1-Chlorooctane	85.3	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	87.4	% 42.2-15	6						

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*=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

Analyzed By: CK

Fax To: (575) 396-1429

Received:

02/26/2020

Sampling Date:

02/24/2020

Reported:

03/02/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

mg/kg

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

Project Number:

11733

Project Location:

BTEX 8021B

CONCHO - EDDY CO NM

Sample ID: FL 1C @ 4' (H000610-08)

DILX GOZID	ıııg,	, kg	Andryzo	a by. Cit					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2020	ND	1.78	88.8	2.00	8.33	
Toluene*	<0.050	0.050	02/28/2020	ND	1.79	89.4	2.00	8.44	
Ethylbenzene*	<0.050	0.050	02/28/2020	ND	1.79	89.6	2.00	8.66	
Total Xylenes*	<0.150	0.150	02/28/2020	ND	5.26	87.7	6.00	8.94	
Total BTEX	<0.300	0.300	02/28/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/28/2020	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/29/2020	ND	216	108	200	5.42	
DRO >C10-C28*	<10.0	10.0	02/29/2020	ND	229	115	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	02/29/2020	ND					
Surrogate: 1-Chlorooctane	94.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	97.1	% 42.2-15	6						

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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:

02/26/2020

Sampling Date:

02/24/2020

Reported:

03/02/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: NW C @ 4' (H000610-09)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2020	ND	1.78	88.8	2.00	8.33	
Toluene*	<0.050	0.050	02/28/2020	ND	1.79	89.4	2.00	8.44	
Ethylbenzene*	<0.050	0.050	02/28/2020	ND	1.79	89.6	2.00	8.66	
Total Xylenes*	<0.150	0.150	02/28/2020	ND	5.26	87.7	6.00	8.94	
Total BTEX	<0.300	0.300	02/28/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/28/2020	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/29/2020	ND	224	112	200	3.29	
DRO >C10-C28*	<10.0	10.0	02/29/2020	ND	240	120	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	02/29/2020	ND					
Surrogate: 1-Chlorooctane	98.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	99.8	% 42.2-15	6						

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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:

02/26/2020

Sampling Date:

02/24/2020

Reported:

03/02/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: EW C @ 4' (H000610-10)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2020	ND	1.78	88.8	2.00	8.33	
Toluene*	<0.050	0.050	02/28/2020	ND	1.79	89.4	2.00	8.44	
Ethylbenzene*	<0.050	0.050	02/28/2020	ND	1.79	89.6	2.00	8.66	
Total Xylenes*	<0.150	0.150	02/28/2020	ND	5.26	87.7	6.00	8.94	
Total BTEX	<0.300	0.300	02/28/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	6 73.3-12	9						
Chloride, SM4500Cl-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	02/28/2020	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/29/2020	ND	224	112	200	3.29	
DRO >C10-C28*	<10.0	10.0	02/29/2020	ND	240	120	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	02/29/2020	ND					
Surrogate: 1-Chlorooctane	98.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	101 9	6 42.2-15	6						

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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:

02/26/2020

Sampling Date:

02/24/2020

Reported:

03/02/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: WW C @ 4' (H000610-11)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2020	ND	1.78	88.8	2.00	8.33	
Toluene*	<0.050	0.050	02/28/2020	ND	1.79	89.4	2.00	8.44	
Ethylbenzene*	<0.050	0.050	02/28/2020	ND	1.79	89.6	2.00	8.66	
Total Xylenes*	<0.150	0.150	02/28/2020	ND	5.26	87.7	6.00	8.94	
Total BTEX	<0.300	0.300	02/28/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/28/2020	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/29/2020	ND	224	112	200	3.29	
DRO >C10-C28*	<10.0	10.0	02/29/2020	ND	240	120	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	02/29/2020	ND					
Surrogate: 1-Chlorooctane	95.3	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	98.2	% 42.2-15	6						

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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:

02/26/2020

Sampling Date:

02/24/2020

Reported:

03/02/2020

Sampling Type:

Soil

Project Name:

CRAIG STATE 3H

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

Project Number:

11733

Project Location:

CONCHO - EDDY CO NM

Sample ID: FL 1d @ 2' (H000610-12)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2020	ND	1.78	88.8	2.00	8.33	
Toluene*	<0.050	0.050	02/28/2020	ND	1.79	89.4	2.00	8.44	
Ethylbenzene*	<0.050	0.050	02/28/2020	ND	1.79	89.6	2.00	8.66	
Total Xylenes*	<0.150	0.150	02/28/2020	ND	5.26	87.7	6.00	8.94	
Total BTEX	<0.300	0.300	02/28/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	73.3-12	9						
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	02/28/2020	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/29/2020	ND	224	112	200	3.29	
DRO >C10-C28*	<10.0	10.0	02/29/2020	ND	240	120	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	02/29/2020	ND					
Surrogate: 1-Chlorooctane	97.9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	102 9	6 42.2-15	6						

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Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Company Name:

Project Manager:

Page 119 of 124

Received by OCD: 4/10/2020 3:17:55 PM

ARDINAL LABORATORIES

Operating U.C.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

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Project#: 117	33 Project Own						c	ity:						10	Σ		I	Cations/Anions					
Project Name:	Crais St. #31+						s	tate			Zi	ip:		ě	8015	×	면	o					
Project Location							P	hon	e #				-	ΙΞ	8	BTEX	S	ati	TDS				
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FOR LAB USE ONLY					MAT	RIX	-	PF	RES	ERV	4	SAMPLIN	IG	O	TPH		e	te					
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP.	AN	GROUNDWATER	WASTEWATER	OIL	SLUDGE	ACID/BASE:	ICE / COOL	OTHER:		DATE	TIME		<i>F</i>			Complete					
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3	NEWR 3	C	1		X						1	-24-20					'						
4	ന്നത് 3,	C	1		X						1	24-20											
5	R1503	C	1		×				yL.		1	2420											
6	FL26@2"	C	1		X						1	2420				11				_		-	
7	EWD@ 31	C			X					1	_	24-20				1				_		-	
8	PLICO 4'	C			X						1	24.20			1	11					_		
9	UWC@U'	C			X			1			1	-24.20	11:00	1	1-1-	11.							
10	Ew Coy!	C			X							24.20	11.30	y	4	4							
analyses. All claims includ service. In no event shall C affiliates or successors aris	nd Damages. Cardinal's liability and client's exclusive remedy ing those for negligence and any other cause whatsoever shall Cardinal be liable for incidental or consequental damages, inclu- ing out of or related to the performance of services hereunder	be deem ding with by Cardin	ed wai out lim al, reg	ved unle	ess made in susiness inte of whether s	writing	and n	s of us	e, or	ardina loss of	f profit	ts incurred by c	ient, its subsidia	ne applica aries, se.	able	es 17	No	Add'l	Phone #	#:			
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	r: (Circle One) - Bus - Other: ~6.8c	#1	13		Sample Cool Yes	Intac	Yes		Ü		nitia												

BILL TO

P.O. #:

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Received by OCD: 4/10/2020 3:17:55 PM



ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Project Manager: Joel Lowny									811	L <i>L 70</i>						ANA	LYSIS	REQ	UEST				
	oject Manager: Joel Councy dress: 310 Plains Huy							P.	.0.#	ŧ:													
Address: 3 0	O Plains	Him.						c	omp	any	: (COG	-	1				S				11 1	
City: Louis		State: UW	Zip	: 5	CRD	uc)		ttn:	0	ماء	ata 1	Veel	1		0.5		n			- 1		
Phone #: 5	15-396-2378	Fax #: 575	5-	39	6-1	40	9	_	ddre	ess:	27.	0,50		1				ij				1 1	
Project #:	93	Project Owne	r-	0	OPI	12	-		ity:						Σ		-	X.					
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Sampler Name:	11	1.11.					-		ax #:					Chlorides	œ	BTEX	Texas TPH	Sa	TDS				
FOR LAB USE ONLY	Beiver	0,110	Т			MAT	RIX	11.0	_	ESE	RV.	SAMPLI	NG	등	TPH	ш	ĕ	9					
Lab I.D.	Sample	I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME		İ		T	Complete Cations/Anions					
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analyses, All claims includ	nd Damages. Cardinal's liability and ing those for negligence and any othe	er cause whatsoever shall be	deeme	d waive	ed unless	made in	writing	and rec	eived b	y Caro	dinal wi	ithin 30 days afte	completion of the	ne applicat	ole								
	cardinal be liable for incidental or con ing out of or related to the performan																						
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[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Appendix D Photographic Log

Photographic Log

Photo Number:

#1

Photo Direction:

East

Photo Description:

view across release area



Photo Number:

#2

Photo Direction:

Northeast

Photo Description:

view across release area



Photographic Log

Dates: 02/21/2020 - 02/28/2020

Photo Number:

#3

Photo Direction:

North

Photo Description:

view across excavated area



Photo Number:

#4

Photo Direction:

North

Photo Description:

view across excavated area



Photographic Log

Dates: 03/09/2020



