

Cotton Draw Pipeline nAPP2207343782

Final Remediation Report



PO Box 2978 Hobbs, NM 88241 575-393-1417

Introduction

This report presents the results of remediation activities of the Cotton Draw Pipeline Release. On behalf of Energy Transfer (ETC), Ingram Professional Services, Inc. (IPS) was tasked with the cleanup and remediation of release nAPP2207343782. The release occurred in unit Letter K, Section 19, Township 255 range 32E at coordinates 32.112443, -103.718743. The remediation was performed in general accordance with the New Mexico Oil Conservation Division (NMOCD) and 19.15.29 of the New Mexico Administrative Code (NMAC) effective date August 14, 2018.

<u>Overview</u>

The Release occurred in a natural gas pipeline on federal land. Approximately 60mcf of natural gas, 6.6bbl of oil and 15.5bbl of water was released with zero recovered. The leak was attributed to corrosion in a 10" line.

Regulatory Guidelines

Upon review of the site characteristics and a search of a groundwater database maintained by The New Mexico Office of the state Engineer (NMOSE), a survey was conducted to determine the average depth to groundwater within a 1-mile radius and identify any registered water wells within a ¹/₂ mile radius of the release sire. There were no known wells in the ¹/₂ radius therefor Table 1 Closure Criteria for ground water depth of less than 50 feet was utilized.

Utilizing this information, the NMOCD Closure Criteria for the Site was determined as follows.

Table 1

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

* Measured in milligrams per kilogram (mg/kg)

† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC). ‡ The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D. (1) NMAC

Remediation Activities

In accordance with an approved *Proposed Remediation plan* the following excavation activities were conducted to advance the site toward approved closure.

Between the dates of January 9th, 2023, and July 26th, 2023, IPS excavated approximately 2,721cubic yards if impacted material. Impacted soil showing concentrations above Table NMAC guidelines were transported to a state approved waste disposal facility(s). Lealand disposal and Sundance disposal in Lea County New Mexico. Excavation depths ranged from 4-feet Bgs to 16'bgs. On January 27th, 2023, and July 12th, 2023, the site was sampled to determine if RRAL's had been met. Five-point composite confirmation samples were collected every 200 sq from the excavation floor and sidewalls. The samples were packaged and delivered to a third-party lab with chain of custody for testing as per regulatory standards. (See attached analytical results). Analytical results indicated BTEX, TPH and chloride concentrations were below the applicable NMOCD Closure Criteria and/or Reclamation Standard.

On July 19th, 2023, back-filling began and ran through July 26th, 2023. Approximately 2,298cyrds of like material was obtained from private sores. Backfill was placed in a manner that will promote compaction, prevent storm water run-off, erosion and allow for vegetation growth. The affected off Right of way area will be reseeded during an optimal time conductive to growth, with an approved BLM mix.

February 2, 2024, vertical delineation sample SP5-5.5'was collected by use of hand-auger and submitted to Cardinal laboratory. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard.

Conclusion

Based on laboratory analytical results, field activities conducted in accordance with an approved Remediation Plan, it is recommended ETC Texas Pipeline, Ltd. provide copies of this Remediation Closure Request to the appropriate agencies and request <u>Closure be</u> granted for the Cotton Draw Pipeline release-nAPP2207343782.

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TOTAL XYLENES (mgR()	<0,150	<0.150	0.150	<0.150	<0.150	<0.150	<0.150	<0.150 Anten	051.0>	<0.150	<0.150	<0.150	<0.150	0.160	<0.150	<0.150	<0.150	<0.150	<0.150	ALLAN -	<0.150	<0.150	<0.150	<0.150	<0.150	0.100	MOT IN		TOTAL XYLENES	<0.150	<0.150	<0.150	051.0>	<0,150	<0.150	<0.150 0.100	<0.150	<0.150	<0.150	<0.150	<0.150	0.150	0.150	<0.150	<0.150	<0.150	<0.150	WCT //S	<0.150	100101100L	and
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TABLE 1

Summary of full delineation Soil Sample Laboratory Analytical Results Cotton Draw Pipeline #nAPP2207343782

 		-		///// LZC							
Sample ID	Date	Depth {ft)	Composite	Benzene {mg/kg)	BTEX (mg/kg)	GRO C₅∙C10 (mg/kg)	ORO C10∙C₂s (mg/kg)	GRO+ ORO c6-C2s (m1dk1:1	ORO Czs-½6 (mg/kg)	TPH c6-½6 (mg/kg)	Chloride {mg/kg)
SP5	2/2/24	5.5'	Composite	<0.050	<0.300	<0.10	<0.10	<0.10	<0.10	<0.10	16

NOTES: - = Sample not analyzed for that constituent. Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Date:

Land Owner: Federal Client: ETC Depth to Water: N/A Location: Cotton Draw GPS: 32.112443, -103.718743 PO Box 2978 Midland, TX Prepared By: Jason Owsley Hobbs, NM 88241 432-245-1164 575-393-1417 Û Horizontal Deliniation Map H23 H24 Horizontal Label "H" 0 Ŷ Horizontal Deliniation 0 H111 H10 I Excavation H9 H12 H13* H8 ↓ H14 H7 **H**H15 H6¹ **U**H16 H5¹ H17 J **H**18 H4 H3 H30 H19 H310H20 H2 H22 H1 H21 J, H25 • H29 H26 H28 10 20 ft 0 00 H27

Land Owner: Federal

Depth to Water: N/A



PO Box 2978 Hobbs, NM 88241 575-393-1417

Midland, TX 432-245-1164 Date:

Client: ETC

Location: Cotton Draw

GPS: 32.112443, -103.718743

Prepared By: Jason Owsley



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Received by OCD: 3/14/2022 12:16:18 PM

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2207343782
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

OGRID: 371183	
Contact Telephone: (817) 302-9766	
Incident # (assigned by OCD) nAPP2207343782	
	Contact Telephone: (817) 302-9766

Location of Release Source

Latitude 32.11	2443			Longitude -103.718743	
			(NAD 83 in deci	mal degrees to 5 decimal places)	
Site Name: C	otton Draw P	Pipeline		Site Type: Pipeline	
Date Release	Discovered:	3/2/2022		API# (if applicable)	
Unit Letter	Section	Township	Range	County	

Eddy

T25S Surface Owner: State X Federal Tribal Private (Name:

Nature and Volume of Release

R32E

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
X Natural Gas	Volume Released (Mcf): 60 mcf	Volume Recovered (Mcf): 0 mcf
X Other (describe) ipeline liquids	Volume/Weight Released (provide units) 22.1 bbl	Volume/Weight Recovered (provide units) 0 bbl

Cause of Release: The release was attributed to corrosion of the pipeline segment.

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Oil Conservation Division

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District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?	
∐Yes X No		
If YES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

 \mathbf{X} The source of the release has been stopped.

X The impacted area has been secured to protect human health and the environment.

X Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

X All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Title: Sr. Environmental Specialist
Date: <u>3/14/2022</u>
Telephone: (432) 203-8920
Date: 03/14/2022

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NAPP2207343782

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		Secondary (Secondary Containment with Liner
	Enter Numbers Only	A	
Length of Spill Area (ft):	340.0	Est. Liquid Vol. (bbls):	6.62158
Width of Spill Area (ft):	135.0	Porosity Factor (soil type):	Sandstone
Depth of Spill Area (ft):	0.2	Vol. of Oil Released (bbls);	6.62158
% Oil in Liquid:	30.0	Vol. of Water Released (bbls):	15.45035
Amount Recovd. (bbls):	0.0	Impacted Soil Vol (ft3):	25.500

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Received by OCD: 3/14/2022 12:16:18 PM

Released to Imaging: 2/14/2024 3:41:52 PM

	Date (m/dd/yy)	Time (hr.mm)		
Blowdown Timeline:	3/2/2022	14:45	Duration (in min):	120.00
	Latitude:	Longitude:	Location Detail:	Detail:
Blowdown Location:	32.112443	103.718743	Outside a Fenced Facility	iced Facility
Blowdown Location Desc: Pipeline, No Valva available	^o ipeline, No Val	va available		
Notes	Inside Diameter	Miles	Feet	Volume (Cu Ft)
	10.0000	4.80		13,823.01
Equivalent Diameter:	10.0000	Total Length:	125,344	13,823.01
Start Pressure (psig):	50.0	Ш	End Pressure (psig):	0.0
Start Temperature (Deg F):	60.0	End Ter	End Temperature (Deg F):	
Specific Gravity:	0.750	ш	End Volume (MCF):	0.00
Start Volume (MCF):	60.0			
Was Gas Flared?	No	Total D	Total Blaudoun (Mc6).	60.0

NAPP2207343782

Puge 4 of 5

Released to Imaging: 3/14/2022 4:44:15 PM

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District | 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive	OGRID: 371183 Action Number:
Dallas, TX 75225	90032
	Action Type: [C-141] Release Corrective Action (C-141)
CONDITIONS	
Created By Condition	Condition

CONDITION	5	
Created By	Condition	
jharimon	None	

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CONDITIONS

Action 90032

Date

3/14/2022

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regulations all operators are r public health or the environm failed to adequately investiga addition, OCD acceptance of and/or regulations. Printed Name: _Dean D. E Signature:	mation given above is true and complete to the best of m required to report and/or file certain release notifications nent. The acceptance of a C-141 report by the OCD does the and remediate contamination that pose a threat to grou a C-141 report does not relieve the operator of responsit cricson Title: Sr. Environmental Special cricson Date: rgytransfer.com Telephone:	and perform corrective actions for rele not relieve the operator of liability shundwater, surface water, human health bility for compliance with any other fea ist	eases which may endanger ould their operations have or the environment. In deral, state, or local laws
emandean.eneson@ene	recprone.		
OCD Only			
Received by:		Date:	

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		Application ID			

Remediation Plan Checklist: Each of the following items must be included in the plan.

 Detailed description of proposed remediation technique
 Scaled sitemap with GPS coordinates showing delineation Scaled sitemap with GPS coordinates showing delineation points

 \boxtimes Estimated volume of material to be remediated

Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC

Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

Extents of contamination must be fully delineated.

Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Dean D. Ericson	Title: Sr. Environmental Specialist
Signature: Dean D. Ericson	Date: 06/10/2022
email: dean.ericson@energytransfer.com	Telephone: 432-238-2124
OCD Only	
Received by:	Date:
Approved Approved with Attached Conditions of	f Approval 🗌 Denied 🗌 Deferral Approved
Signature:	Date:

E	State - FNI Maria		
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		Facility ID	

Closure

Application ID

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 following items must be included in the closure report.

X A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

X Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dean D. Ericson Dean D. Ericson Signature: email: dean.ericson@energytransfer.com	Title: <u>Sr. Environmental Specialist</u>
OCD Only	
Received by:	Date:
	ty of liability should their operations have failed to adequately investigate and e water, human health, or the environment nor does not relieve the responsible d/or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

Page 16 of 189

FW: Incident # nAPP2207343782 Confirmation Sampling Event

From: "Ericson, Dean" < Dean.Ericson@energyTransfer.com>

To: "Nobui, Jennifer, EMNRD" < Jennifer.Nobui@state.nm.us>

Cc: Jason Owsley (Jasono@diamondbacknm.com) < Jasono@diamondbacknm.com>

Date: Fri, 7 Jul 2023 17:33:27 +0000 (07/07/2023 11:33:27 AM)

Jennifer,

ETC will be conducting confirmation sampling for the Cotton Draw Remediation, Eddy County (32.112443 -103.718743) on Wed July 12th. Please advised if NMOCD will be able to be present to witness.

Any questions please call,

Thanks,



Dean D. Ericson Sr. Environmental Specialist ER/Waste/Water/Remediation Energy Transfer O: 817.302.9573 C: 432-238-2142 f O Y in D S

From: Ericson, Dean
Sent: Wednesday, January 18, 2023 3:18 PM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Cc: Jaquez, David Vara <david.jaquez@energytransfer.com>; Rodriguez, Adrian R
<Adrian.Rodriguez@energyTransfer.com>; Boultinghouse, Stacy
<Stacy.Boultinghouse@energytransfer.com>; Miro, Alena M.
<alena.miro@energytransfer.com>; Acosta, Lynn <lynn.acosta@energytransfer.com>;
Hoot, Kristal <Kristal.Hoot@energytransfer.com>; Westby, Nick Scott
<nick.westby@energytransfer.com>; Jody Walters
<jwalters@blackstarenergyservices.com>
Subject: Incident # nAPP2207343782 Sampling Event

Jennifer,

ETC will be ready to collect vertical and horizontal samples for the Cotton Draw Remediation, Eddy County (32.112443 -103.718743) on Friday Jan. 20th. Please advised if NMOCD will be able to be present to witness. Received by OCD: 2/12/2024 1:14:58 PM

Any questions please call,

Thanks,



Dean D. Ericson Sr. Environmental Specialist ER/Waste/Water/Remediation Energy Transfer O: 817.302.9573 C: 432-238-2142

Private and confidential as detailed <u>here</u>. If you cannot access hyperlink, please e-mail sender.





Final Excavation Photos



Cotton Draw Backfill Photos



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 01, 2023

DEAN ERICSON ENERGY TRANSFER P. O. BOX 1226 JAL, NM 88252

RE: COTTON DRAW

Enclosed are the results of analyses for samples received by the laboratory on 01/27/23 13:16.

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

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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager

Page 1 of 26



ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: H 1 (H230412-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.95	97.5	2.00	1.42	
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31	
Ethylbenzene*	< 0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94	
Total BTEX	<0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 71.5-134 106 %

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Colleg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 26



ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: H 2 (H230412-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.95	97.5	2.00	1.42	
Toluene*	< 0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94	
Total BTEX	< 0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIE 107 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: H 3 (H230412-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.95	97.5	2.00	1.42	
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94	
Total BTEX	<0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 107 % 71.5-134

...

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	115	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: H 4 (H230412-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.95	97.5	2.00	1.42	
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94	
Total BTEX	< 0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 105 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: H 5 (H230412-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.92	96.1	2.00	0.761	
Toluene*	<0.050	0.050	01/31/2023	ND	1.97	98.7	2.00	1.74	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	1.97	98.6	2.00	1.97	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	5.92	98.7	6.00	2.07	
Total BTEX	<0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 105 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	96.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: H 6 (H230412-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	01/31/2023	ND	1.92	96.1	2.00	0.761	
Toluene*	<0.050	0.050	01/31/2023	ND	1.97	98.7	2.00	1.74	
Ethylbenzene*	< 0.050	0.050	01/31/2023	ND	1.97	98.6	2.00	1.97	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	5.92	98.7	6.00	2.07	
Total BTEX	< 0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 105 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	118	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	8						

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Cellery D. Keine

Celey D. Keene, Lab Director/Quality Manager

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: H 7 (H230412-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.92	96.1	2.00	0.761	
Toluene*	<0.050	0.050	01/31/2023	ND	1.97	98.7	2.00	1.74	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	1.97	98.6	2.00	1.97	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	5.92	98.7	6.00	2.07	
Total BTEX	< 0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 104 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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Cellery D. Keine

Celey D. Keene, Lab Director/Quality Manager

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: H 8 (H230412-08)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	01/31/2023	ND	1.92	96.1	2.00	0.761	
Toluene*	< 0.050	0.050	01/31/2023	ND	1.97	98.7	2.00	1.74	
Ethylbenzene*	< 0.050	0.050	01/31/2023	ND	1.97	98.6	2.00	1.97	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	5.92	98.7	6.00	2.07	
Total BTEX	< 0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 106 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: H 9 (H230412-09)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.92	96.1	2.00	0.761	
Toluene*	<0.050	0.050	01/31/2023	ND	1.97	98.7	2.00	1.74	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	1.97	98.6	2.00	1.97	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	5.92	98.7	6.00	2.07	
Total BTEX	<0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 102 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	128	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	147	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: H 10 (H230412-10)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.92	96.1	2.00	0.761	
Toluene*	<0.050	0.050	01/31/2023	ND	1.97	98.7	2.00	1.74	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	1.97	98.6	2.00	1.97	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	5.92	98.7	6.00	2.07	
Total BTEX	< 0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 104 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	99.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

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Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: H 11 (H230412-11)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.92	96.1	2.00	0.761	
Toluene*	<0.050	0.050	01/31/2023	ND	1.97	98.7	2.00	1.74	
Ethylbenzene*	< 0.050	0.050	01/31/2023	ND	1.97	98.6	2.00	1.97	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	5.92	98.7	6.00	2.07	
Total BTEX	< 0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 105 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: V 1 @ 16' (H230412-12)

DTEV 00010

BIEX 0021B	ing/	ку	Analyze	u by: Jn/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.92	96.1	2.00	0.761	
Toluene*	<0.050	0.050	01/31/2023	ND	1.97	98.7	2.00	1.74	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	1.97	98.6	2.00	1.97	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	5.92	98.7	6.00	2.07	
Total BTEX	<0.300	0.300	01/31/2023	ND					

Analyzed But 14/

Surrogate: 4-Bromofluorobenzene (PIL 106 % 71.5-134

malka

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	120	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	134	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: V 2 @ 16' (H230412-13)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	01/31/2023	ND	1.92	96.1	2.00	0.761	
Toluene*	< 0.050	0.050	01/31/2023	ND	1.97	98.7	2.00	1.74	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	1.97	98.6	2.00	1.97	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	5.92	98.7	6.00	2.07	
Total BTEX	<0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 106 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: V 3 @ 16' (H230412-14)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	01/31/2023	ND	1.92	96.1	2.00	0.761	
Toluene*	< 0.050	0.050	01/31/2023	ND	1.97	98.7	2.00	1.74	
Ethylbenzene*	< 0.050	0.050	01/31/2023	ND	1.97	98.6	2.00	1.97	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	5.92	98.7	6.00	2.07	
Total BTEX	< 0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 104 % 71.5-134

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	96.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: V 4 @ 16' (H230412-15)

DTEV 00010

BIEX 0021B	nig/ky Analyzeu by; Jn/								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	01/31/2023	ND	1.92	96.1	2.00	0.761	
Toluene*	<0.050	0.050	01/31/2023	ND	1.97	98.7	2.00	1.74	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	1.97	98.6	2.00	1.97	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	5.92	98.7	6.00	2.07	
Total BTEX	< 0.300	0.300	01/31/2023	ND					

Analyzed But 14/

Surrogate: 4-Bromofluorobenzene (PIL 105 % 71.5-134

malka

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	91.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: V 5 @ 16' (H230412-16)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	01/31/2023	ND	1.92	96.1	2.00	0.761	
Toluene*	< 0.050	0.050	01/31/2023	ND	1.97	98.7	2.00	1.74	
Ethylbenzene*	< 0.050	0.050	01/31/2023	ND	1.97	98.6	2.00	1.97	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	5.92	98.7	6.00	2.07	
Total BTEX	< 0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 105 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: V 6 @ 16' (H230412-17)

DTEV 00010

BIEX 0021B	ing/	ку	Analyze	u by: Jn/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.92	96.1	2.00	0.761	
Toluene*	<0.050	0.050	01/31/2023	ND	1.97	98.7	2.00	1.74	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	1.97	98.6	2.00	1.97	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	5.92	98.7	6.00	2.07	
Total BTEX	<0.300	0.300	01/31/2023	ND					

Analyzed But 14/

Surrogate: 4-Bromofluorobenzene (PIL 105 % 71.5-134

malka

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	91.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: V 7 @ 16' (H230412-18)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	01/31/2023	ND	1.92	96.1	2.00	0.761	
Toluene*	< 0.050	0.050	01/31/2023	ND	1.97	98.7	2.00	1.74	
Ethylbenzene*	< 0.050	0.050	01/31/2023	ND	1.97	98.6	2.00	1.97	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	5.92	98.7	6.00	2.07	
Total BTEX	< 0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 105 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	92.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: V 8 @ 16' (H230412-19)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	01/31/2023	ND	1.92	96.1	2.00	0.761	
Toluene*	< 0.050	0.050	01/31/2023	ND	1.97	98.7	2.00	1.74	
Ethylbenzene*	< 0.050	0.050	01/31/2023	ND	1.97	98.6	2.00	1.97	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	5.92	98.7	6.00	2.07	
Total BTEX	<0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 106 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	244	122	200	0.963	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: V 9 @ 16' (H230412-20)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	01/31/2023	ND	1.92	96.1	2.00	0.761	
Toluene*	< 0.050	0.050	01/31/2023	ND	1.97	98.7	2.00	1.74	
Ethylbenzene*	< 0.050	0.050	01/31/2023	ND	1.97	98.6	2.00	1.97	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	5.92	98.7	6.00	2.07	
Total BTEX	<0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 105 % 71.5-134

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	01/30/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	197	98.6	200	2.76	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	188	94.1	200	7.72	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	01/27/2023	Sampling Date:	01/27/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW	Sampling Condition:	Cool & Intact
Project Number:	32.112443, -103.718743	Sample Received By:	Tamara Oldake
Project Location:	NONE GIVEN		

Sample ID: V 10 @ 16' (H230412-21)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	01/31/2023	ND	1.92	96.1	2.00	0.761	
Toluene*	< 0.050	0.050	01/31/2023	ND	1.97	98.7	2.00	1.74	
Ethylbenzene*	< 0.050	0.050	01/31/2023	ND	1.97	98.6	2.00	1.97	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	5.92	98.7	6.00	2.07	
Total BTEX	< 0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 105 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2023	ND	197	98.6	200	2.76	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	188	94.1	200	7.72	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-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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CARDINA	F	모	CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
Laboratories	U		
101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	88240 3-2476		
Company Name: ETC	-4	BILL TO	ANALTSIS REGOLD
Project Manager: Town, Walter	P.O.	0. 共	
har	Co	Company:	
City: State:	Zip: Attn:	ä	
10 #:		Address:	
	wher: City:	Å.	
ame: (14m t		State: Zip:	*
Project Location: 31-112443-103	544812	Phone #:	
Robbie R		Fax #:	
FOR LAB USE ONLY	_		
Lab I.D. Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	874
-		× 1/27 0	0101 1 1 1 1 1 010
Lu C		0	510
			0925
		0	230
84 18			
00 H 70	11	-	111111111111111111111111111111111111111
PLEASE NOTE: Libbley and Damages. Cardinal's liability and client's exclusive ren analyses. All claims including those for negligence and any other cause whatboeve service. In no event shall Cardinal be liable for incidental or consequential damages	ased in contract de in writing an a interruptions,	(c) tott, strati per environu su une environe environ di received by Cardinal within 30 days affer co loss of use, or loss of profils incurred by client base of use, or loss of the above statist reason in human unon any of the above statist reason	ppicatie
Relinquished by: Relinquished by: Time: 1 Time: 1	U g	Marta -	Verbal Result: □ Yes □ No Add'i Phone #: All Results are emailed. Please provide Email address:
Relinquished By: Date:	Received By:	Le mar	INDI # () 10124-21300257
Time:		CHECKED RY.	¢.
	1	(Initials)	13 Rush Cool Intact
Sampler - UPS - Bus - Other: Corrected temp. C D, D			Correction Factor -0.5°C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Jeey Wa (tai) State: Zip: Find Commission State: Zip: Find Commission Commission Fax #: Project Owner: Add Sample I.D. Fax Find Commission Sample I.D. Commission Commission State Hill Commission Commission Commission Sample I.D. Commission Commission Fax Hill	ess: State: Zip: Attn: E #: Fax #: E #: Fax #: Fax	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : PATE	00	out of or related to the performance of services hereunder by Cardinal, regardless of weather such claim is based upon any of the above stated reasons or otherwise. Units 1 Yes Units 7 2 Received By: It results are emailed. Pie Time: 1 2 1 1 Yes	Relinquished By: Date: Received By: Time: WILL ALLAND REMARKS: WILL ST & E-22012-62-2300257	Lange calculate to the performance of the performan	BILL TO P: 0. #: P: 0. #: Company: Address: City: Solid BRSTEWATER MATRIX PRESERV MATRIX PRESERV Solid Oil OTHER: Actional to finde to the word of the word the word of the word the the word the wo	A TPH
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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Released to Imaging: 2/14/2024 3:41:52 PM

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

Observed Temp. °C Corrected Temp. °C

N

Sample Condition Cool Intact Yes Yes No No No

0

(Initials) 9

Turnaround Time: Thermometer ID #113 Correction Factor -0.6°C

Standard

Bacteria (only) Sample Condition Cool Intact Observed Temp. Yes Yes Nc No Corrected Temp.

Observed Temp. °C Corrected Temp. °C

WBJ #

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Laboratories



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 17, 2023

DEAN ERICSON ENERGY TRANSFER P. O. BOX 1226 JAL, NM 88252

RE: COTTON DRAW 10"

Enclosed are the results of analyses for samples received by the laboratory on 07/12/23 12:23.

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

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. Keine

Celey D. Keene Lab Director/Quality Manager

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: V 11 - 16' (H233553-01)

mg/	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
< 0.050	0.050	07/13/2023	ND	2.00	100	2.00	0.826	
<0.050	0.050	07/13/2023	ND	1.97	98.7	2.00	1.56	
<0.050	0.050	07/13/2023	ND	1.95	97.3	2.00	1.79	
<0.150	0.150	07/13/2023	ND	5.91	98.6	6.00	1.44	
< 0.300	0.300	07/13/2023	ND					
	Result <0.050 <0.050 <0.050 <0.150	<0.050 0.050 <0.050 0.050 <0.050 0.050 <0.150 0.150	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

Surrogate: 4-Bromofluorobenzene (PIL 107 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2023	ND	204	102	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/13/2023	ND	199	99.6	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/13/2023	ND					
Surrogate: 1-Chlorooctane	126	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	140	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: V 12 - 16' (H233553-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	07/13/2023	ND	2.00	100	2.00	0.826	
Toluene*	<0.050	0.050	07/13/2023	ND	1.97	98.7	2.00	1.56	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	1.95	97.3	2.00	1.79	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	5.91	98.6	6.00	1.44	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 106 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2023	ND	204	102	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/13/2023	ND	199	99.6	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/13/2023	ND					
Surrogate: 1-Chlorooctane	123	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: V 13 - 16' (H233553-03)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2023	ND	2.00	100	2.00	0.826	
Toluene*	<0.050	0.050	07/13/2023	ND	1.97	98.7	2.00	1.56	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	1.95	97.3	2.00	1.79	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	5.91	98.6	6.00	1.44	
Total BTEX	< 0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 108 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2023	ND	204	102	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/13/2023	ND	199	99.6	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/13/2023	ND					
Surrogate: 1-Chlorooctane	126	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	141	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: V 14 - 16' (H233553-04)

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	07/13/2023	ND	2.00	100	2.00	0.826	
Toluene*	<0.050	0.050	07/13/2023	ND	1.97	98.7	2.00	1.56	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	1.95	97.3	2.00	1.79	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	5.91	98.6	6.00	1.44	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 108 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2023	ND	204	102	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/13/2023	ND	199	99.6	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/13/2023	ND					
Surrogate: 1-Chlorooctane	132	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	145	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: V 15 - 16' (H233553-05)

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	07/13/2023	ND	2.00	100	2.00	0.826	
Toluene*	<0.050	0.050	07/13/2023	ND	1.97	98.7	2.00	1.56	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	1.95	97.3	2.00	1.79	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	5.91	98.6	6.00	1.44	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 108 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2023	ND	204	102	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/13/2023	ND	199	99.6	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/13/2023	ND					
Surrogate: 1-Chlorooctane	111	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: V 16 - 16' (H233553-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 117 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2023	ND	204	102	200	1.38	
DRO >C10-C28*	<10.0	10.0	07/13/2023	ND	199	99.6	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/13/2023	ND					
Surrogate: 1-Chlorooctane	110	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: V 17 - 6' (H233553-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	< 0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 115 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/13/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/13/2023	ND					
Surrogate: 1-Chlorooctane	123	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139	% 49.1-14	8						

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Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: V 18 - 6' (H233553-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	< 0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 116 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/13/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/13/2023	ND					
Surrogate: 1-Chlorooctane	118	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133	% 49.1-14	8						

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Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: V 19 - 16' (H233553-09)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	< 0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 116 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: V 20 - 16' (H233553-10)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 116 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: V 21 - 6' (H233553-11)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	< 0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 120 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: V 22 - 4' (H233553-12)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	< 0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 119 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	128	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	144	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: V 23 - 4' (H233553-13)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	< 0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 118 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: V 24 - 4' (H233553-14)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 116 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	95.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: V 25 - 4' (H233553-15)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	< 0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 117 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: V 26 - 4' (H233553-16)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 116 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: V 27 - 4' (H233553-17)

DTEV 00010

BIEX 8021B	mg/	кд	Analyze	а ву: Эн/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Analuzed Du 1U/

Surrogate: 4-Bromofluorobenzene (PIL 116 % 71.5-134

malka

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: H 12 - 0'-16' (H233553-18)

DTEV 00010

BIEX 8021B	mg/	ĸg	Analyze	а ву: Јн/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Analyzed But 14/

Surrogate: 4-Bromofluorobenzene (PIL 117 % 71.5-134

malka

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	98.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: H 13 - 0'-16' (H233553-19)

DTEV 00010

BIEX 0021B	ing,	ку	Analyze	u by: Jn/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	< 0.300	0.300	07/13/2023	ND					

Analyzed But 14/

Surrogate: 4-Bromofluorobenzene (PIL 117 % 71.5-134

malka

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	98.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: H 14 - 0'-16' (H233553-20)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 117 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	97.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: H 15 - 0'-16' (H233553-21)

DTEV 00010

BIEX 0021B	ing,	ку	Analyze	u by: Jn/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Analyzed But 14/

Surrogate: 4-Bromofluorobenzene (PIL 117 % 71.5-134

malka

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: H 16 - 0'-16' (H233553-22)

DTEV 00010

BIEX 8021B	mg/	ĸg	Analyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Analyzed But 14/

Surrogate: 4-Bromofluorobenzene (PIL 117 % 71.5-134

malka

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	99.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: H 17 - 0'-16' (H233553-23)

DTEV 00010

BIEX 8021B	mg/	ĸg	Analyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Analyzed But 14/

Surrogate: 4-Bromofluorobenzene (PIL 119 % 71.5-134

malka

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 5	49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: H 18 - 0'-16' (H233553-24)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	< 0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	< 0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 116 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: H 19 - 0'-16' (H233553-25)

malka

DTEV 00010

BIEX 8021B	mg,	rkg	Analyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2023	ND	2.03	102	2.00	1.76	
Toluene*	<0.050	0.050	07/13/2023	ND	2.01	101	2.00	0.646	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	2.17	109	2.00	0.767	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	6.53	109	6.00	1.46	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Analyzed But 14/

Surrogate: 4-Bromofluorobenzene (PIL 116 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/13/2023	ND	416	104	400	7.41	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	121	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: H 20 - 0'-16' (H233553-26)

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	07/13/2023	ND	1.99	99.5	2.00	1.53	
Toluene*	<0.050	0.050	07/13/2023	ND	1.99	99.3	2.00	1.32	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	1.99	99.4	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	5.87	97.8	6.00	1.40	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 106 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	205	103	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	230	115	200	2.61	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	122	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	136	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: H 21 - 0'-6' (H233553-27)

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	07/13/2023	ND	1.99	99.5	2.00	1.53	
Toluene*	<0.050	0.050	07/13/2023	ND	1.99	99.3	2.00	1.32	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	1.99	99.4	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	5.87	97.8	6.00	1.40	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 108 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	213	106	200	0.650	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	206	103	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: H 22 - 0'-6' (H233553-28)

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	07/13/2023	ND	1.99	99.5	2.00	1.53	
Toluene*	<0.050	0.050	07/13/2023	ND	1.99	99.3	2.00	1.32	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	1.99	99.4	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	5.87	97.8	6.00	1.40	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 107 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	213	106	200	0.650	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	206	103	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	111	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: H 23 - 0'-4' (H233553-29)

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	07/13/2023	ND	1.99	99.5	2.00	1.53	
Toluene*	<0.050	0.050	07/13/2023	ND	1.99	99.3	2.00	1.32	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	1.99	99.4	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	5.87	97.8	6.00	1.40	
Total BTEX	< 0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 110 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	213	106	200	0.650	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	206	103	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: H 24 - 0'-4' (H233553-30)

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	07/13/2023	ND	1.99	99.5	2.00	1.53	
Toluene*	<0.050	0.050	07/13/2023	ND	1.99	99.3	2.00	1.32	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	1.99	99.4	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	5.87	97.8	6.00	1.40	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 105 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/13/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	213	106	200	0.650	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	206	103	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: H 25 - 0'-4' (H233553-31)

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	07/13/2023	ND	1.99	99.5	2.00	1.53	
Toluene*	<0.050	0.050	07/13/2023	ND	1.99	99.3	2.00	1.32	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	1.99	99.4	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	5.87	97.8	6.00	1.40	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 109 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	213	106	200	0.650	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	206	103	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: H 26 - 0'-4' (H233553-32)

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	07/13/2023	ND	1.99	99.5	2.00	1.53	
Toluene*	< 0.050	0.050	07/13/2023	ND	1.99	99.3	2.00	1.32	
Ethylbenzene*	< 0.050	0.050	07/13/2023	ND	1.99	99.4	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	5.87	97.8	6.00	1.40	
Total BTEX	< 0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 111 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/13/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	213	106	200	0.650	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	206	103	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	97.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: H 27 - 0'-4' (H233553-33)

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	07/13/2023	ND	1.99	99.5	2.00	1.53	
Toluene*	< 0.050	0.050	07/13/2023	ND	1.99	99.3	2.00	1.32	
Ethylbenzene*	< 0.050	0.050	07/13/2023	ND	1.99	99.4	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	5.87	97.8	6.00	1.40	
Total BTEX	< 0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 111 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/13/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	213	106	200	0.650	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	206	103	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: H 28 - 0'-4' (H233553-34)

DTEV 00010

BIEX 8021B	ing/	ĸg	Analyze	а ву: мъ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2023	ND	1.99	99.5	2.00	1.53	
Toluene*	<0.050	0.050	07/13/2023	ND	1.99	99.3	2.00	1.32	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	1.99	99.4	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	5.87	97.8	6.00	1.40	
Total BTEX	< 0.300	0.300	07/13/2023	ND					

Analuzed Due MC

Surrogate: 4-Bromofluorobenzene (PIL 111 % 71.5-134

malka

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	213	106	200	0.650	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	206	103	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	85.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: H 29 - 0'-4' (H233553-35)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	07/13/2023	ND	1.99	99.5	2.00	1.53	
Toluene*	< 0.050	0.050	07/13/2023	ND	1.99	99.3	2.00	1.32	
Ethylbenzene*	< 0.050	0.050	07/13/2023	ND	1.99	99.4	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	5.87	97.8	6.00	1.40	
Total BTEX	< 0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 108 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/13/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	213	106	200	0.650	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	206	103	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	87.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: H 30 - 6'-16' (H233553-36)

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	07/13/2023	ND	1.99	99.5	2.00	1.53	
Toluene*	<0.050	0.050	07/13/2023	ND	1.99	99.3	2.00	1.32	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	1.99	99.4	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	5.87	97.8	6.00	1.40	
Total BTEX	<0.300	0.300	07/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PIL 110 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/13/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	213	106	200	0.650	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	206	103	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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*=Accredited Analyte

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Cellery D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 37 of 43



ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:

Received:	07/12/2023	Sampling Date:	07/12/2023
Reported:	07/17/2023	Sampling Type:	Soil
Project Name:	COTTON DRAW 10"	Sampling Condition:	Cool & Intact
Project Number:	32.112443- 103.718743	Sample Received By:	Tamara Oldake
Project Location:	NEW MEXICO		

Sample ID: H 31 - 6'-16' (H233553-37)

malka

DTEV 00010

BIEX 0021B	mg,	лку	Analyze	u by; MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2023	ND	1.99	99.5	2.00	1.53	
Toluene*	<0.050	0.050	07/13/2023	ND	1.99	99.3	2.00	1.32	
Ethylbenzene*	<0.050	0.050	07/13/2023	ND	1.99	99.4	2.00	1.23	
Total Xylenes*	<0.150	0.150	07/13/2023	ND	5.87	97.8	6.00	1.40	
Total BTEX	< 0.300	0.300	07/13/2023	ND					

Analuzed Due MC

Surrogate: 4-Bromofluorobenzene (PIL 112 % 71.5-134

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/13/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/14/2023	ND	213	106	200	0.650	
DRO >C10-C28*	<10.0	10.0	07/14/2023	ND	206	103	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	07/14/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Cellery D. Keine

Celey D. Keene, Lab Director/Quality Manager

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

 S-04
 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

 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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*=Accredited Analyte

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Celleg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 39 of 43



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Relinquished By: Sampler - UPS - Bus - Other: Delivered By: (Circle One) Relinquished By LEASE NOTE: Liability H23 Muchard City: yses, All claims including loe. In no event shall Card Project Location: 32, 112443 Project Name: Project #: Phone #: Sampler Name: Project Manager: Company Name: FOR LAB USE ONLY Lab I.D. Address: 325 00 1 RE VIB VIS SJ A V12-16' PROVE V11-16 Cotton Draw 03 F 2 9 Michael Br -16 - 6 -16 - [6 -16 bean Enizson -6 i t ed to the Sample I.D. 6 ٢ 6 yay Aue pue Corrected Temp. °C Observed Temp. † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com Time: Date: Tirthe: Date { 0 Project Owner: Fax #: 12/23 State: NM Zip: 103 22:21 shall be ĉ .718743 S nouge Received By: Received By: 000 1000 (G)RAB OR (C)OMP sondation, busie # CONTAINERS Sample Condition Cool Intact Yes Yes No No GROUNDWATER WASTEWATER made in writing and 5 5 < < 5 < C SOIL MATRIX OIL SLUDGE loss of use, or loss of profits OF TON OTHER State: City: Fax #: Phone #: Attn: P.O. #: Address: Company: and by Cardna 0 ACID/BASE PRESERV. CHECKED BY 8 ICE / COOL (Initials) OTHER within 30 days after comp BILL TO Zip 7/12/23 DATE red by client, its subsidiarie SAMPLING id by the cleat for the are completion of the ar wBs# All Results are emailed. Please provide Email address: orrection Factor -0.646 hermometer ID -#113 Turnaround Time: REMARKS: Verbal Pesult: 10:00 TIME < cu m □ Yes ۱ TPH < #140 Standard 21922 6 < I No Brex -61 Add'I Phone #: 23 ANALYSIS Cool Intact Bacteria (only) Sample Condition ŧ 2130025 REQUEST Observed Temp. °C Corrected Temp. °C V



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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nanager:	Ikan Erizson	P.O. #:	ANALYSIS REQUEST	
Address;		Company:		_
Dhome #	State: Zip:	Attn:		
Phone #:	Fax #:	Address:		
Project #:	Project Owner:	City:		
0	otton Draw 10"	State: Zip:		
2		*		
FOR LAR USE DAVY	ichael Bell	Fax #:	¥ -X	_
		PRESERV. SAMPLING	P CC TPI P P	
Lab I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER	OTHER : ACID/BASE: ICE / COOL OTHER :		
12 V22 13 V23	1.16	00:01 CZ/21/4		
17 V24 17 V24	-4. CI V			
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CHAIN OF-CUSTODY AND ANALYSIS REQUEST

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

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inject manager. Bean Eritson	P.O. #	
	Company:	
State: NM Zip:	Attn:	
Fax #:	Address:	
	City:	
Project Name: Lotton Uraw 10"	State: Zip:	
Project Location: 32. 112443 -103.718743	Phone #-	
" Michael Bell		
FOR LAB USE OWLY		
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88240	SF	

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

CHAIN-OF-CUSTODY AND ANAL YSIS REQUEST

Relinquished By: Relinquished By: Delivered By: (Circle One) EASE NOTE: Liability mpler - UPS - Bus - Other: Sampler Name: Project Location: 433355 Project Name: ice. In no event shall Car Project #: Phone #: City: Project Manager: Company Name: yses, All claims Inch Lab I.D. Address: FOR LAB USE ONLY Mutral W é 22 CU W w Cu 84 asous Burge 430 H29 4ZD HZG H28 H23 H22 124 Mizhou Coton BULL 524 32. 5 Dean Enitson for incidental or Sal nd to the pert -0'-4' 1 -0'-4' -0'-4. -0'-4' ((۱ Sample I.D CK 6 and any other cause v 0'-1' 0.1 0'-4' 0 12443 - 4 Draw R Corrected Temp. °C Observed Temp. °C 6 Time: 12, 23 Date: 7/12/23 Date: Time: Project Owner: Fax #: State: NM Zip: 18" -103,718743 AQ JOC including without lenstation, busi 8 U Received By: Received By: COCOO COCOO CORABOR (C)OMP # CONTAINERS GROUNDWATER Cool Infact ineer. Sample Condition WASTEWATER made in writing and received by Cardina 5 5 < < < < MATRIX 5 < SOIL • C OIL SLUDGE loss of use, OTHER State: City: Fax #: P.O. #: Phone #: Attn: Company: Address: ACID/BASE CHECKED BY: (Initials) PRESERV or loss of profits ICE / COOL OTHER BILL TO within 30 days after completion of the appl iroffs incurred by client, its subsidiaries, 7/12/23 10:00 Zip DATE SAMPLING vaid by the client for the Turnaround Time: Verbal Result:
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No Add'I Phone #:
All Results are emailed. Please provide Email address: REMARKS WBS# ۷ TIME 5 CL Stable 21022-3 TPH < Standard 5 € BTEX ANALYSIS REQUEST Cool Intact Bacteria (only) Sample Condition 5 5 1 N Observed Temp. 300257 ĉ

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Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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ction Factor _0.6%Ciometer ID

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Corrected Temp, °C

Page 43 of 43



February 07, 2024

DEAN ERICSON

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: COTTON DRAW

Enclosed are the results of analyses for samples received by the laboratory on 02/02/24 13:35.

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

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

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

Accreditation applies to public drinking water matrices.

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. Keine

Celey D. Keene Lab Director/Quality Manager



		ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252 Fax To:		
Received:	02/02/2024		Sampling Date:	02/02/2024
Reported:	02/07/2024		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Dionica Hinojos
Project Location:	NEW MEXICO			

Sample ID: SP 5 - 5.5' (H240510-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	02/05/2024	ND	2.20	110	2.00	8.58	
Toluene*	<0.050	0.050	02/05/2024	ND	2.30	115	2.00	10.8	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.44	122	2.00	12.1	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.30	122	6.00	12.2	
Total BTEX	<0.300	0.300	02/05/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID 107 % 7.		% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/05/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	202	101	200	0.395	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	195	97.5	200	0.149	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					
Surrogate: 1-Chlorooctane	89.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.3	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 SM4500CI-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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*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Address:	Nevel5 State: Zip:	P.O. # Company: ETC Attn: Dain Exilesov	ANALYSIS REQUEST
Phone #:		4	
Project #:	Project Owner:	City:	
Project Name: Cottend Value	-	State: Zip:	
Project Location:		*	
Sampler Name: XWUMW	CIMAN	Fax #:	,
FOR LAB USE ONLY	MATRIX		
Hadofilo Lab I.D. Sample I.D.	G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE DTHER : ACID/BASE: CE / COOL DTHER :	Chloric TPH BTEY
1505-50			N N N
PLEASE NOTE: Lisking and Damages. Cardmate lability and sterifs exclusive remedy for any claim at sing sterifs based in control of test, shall be finited to the an analyses. All claims including these for negligence and any offers cause wholescent shall be demand under and a neiting and restard by Gardmat-whin 30 service. One service for a control half addeed by the performance of services lawards by claims. The service at the service affiders at subcrease axising out of or related to the performance of services lawards by Centimal regardless of whether sub-thin 50 of use, or lines of performance affiders at subcrease axising out of or related to the performance of services lawards by Centimal regardless of whether sub-thin 50 of uses of use of performance and the services of the services are services. International regardless of whether sub-thins to be the service of the services of the services of services. International test and the services are services at the service of the services are services and the services are services. The services are services at the services are services are services and the services are services at the services are services at the services are services and the services are services at the service of the services are services at the services at the services are services at the services	inth exclusive is one dy for any claim a singlederiter based in contract or left, shall be finited to the annual policity. The claim for the course wholeover is hall be derived valued unless mode in just for and sectioned by Cauthai whith 20 days after completion of the applicable question damages, including without limitation, biomers interruption, loss of use, or loss of profile usual of the devices. In section, the section of the profile of the section of the section of the above start of eace to a chievane of secretices limitation with the grad days of whether starts claim is there in one and of the above start (reasons or down-account) and the section of the secti	or of tor any chain as being reference to accel in contract or test, shall be formed to the amount paulity the client for its shall be deemed reviewed unless mode in vierting and received by Gardinal-addun 30 days after completions of the including vietned landation, because interruptions, boos of user, or fors, or justice account you'reline, its observa- nce by Carteriau Landations of whether such claims is bosed upon any or the above stated reasons or whenever-	ount pavié by the cheref tre the op after completion of the applicable cet by cfeert, ib subsidiaries, Valed e sans or otherwise
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	Dbserved Temp. °C 1.90C Sample Condition	CHECKED BY:	Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C

Page 4 of 4

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 93 of 189

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Table Of Contents

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Project Information 1.0 Background 2.0 NMOCD Site Classification 3.0 Delineation Activities 4.0 Proposed Actions 5.0 Sampling Plan Estimated Timeline and Remediation Soil Volume Restoration, Reclamation, and Re-Vegetation Limitations Distributions

Figures

Figure 1 – Topographic Map Figure 2 – OSE Map Figure 3 – USGS Map Figure 4 – Delineation Map

Tables

Table 1 –NMOCD Closure & Reclamation Standard Table 2 - Summary of Soil Sample Laboratory Analytical Results

Attachments

Attachment I – Site Photographs Attachment II – Depth to Groundwater Attachment III – Field Data Attachment IV – Laboratory Analytical Reports Attachment V – NMOCD Form C-141 Remediation Pages



June 9, 2022

New Mexico Energy, Minerals & Natural Resources NMOCD District 1 C/O: Mike Bratcher & Robert Hamlet 1625 N French Drive Hobbs, NM 88240

Bureau Of Land Management C/O: Shelly Tucker 620 E. Green Street Carlsbad, NM 8820

ETC Texas Pipeline, Ltd. 600 N Marienfeld St. Suite 700 Midland, Tx 79701

RE: Remediation Work Plan ETC, Texas Pipeline Cotton Draw Pipeline Latitude 32.112443 North, Longitude 103.718743 West Unit Letter "K", Section 19, Township 25 South, Range 32 East Eddy County, New Mexico NMOCD Incident # nAPP2207343782

Haz Mat Special Services, LLC, (HMSS), on behalf of ETC Texas Pipeline, Ltd. submits this *Proposed Remediation Work Plan* to the New Mexico Oil Conservation Division (NMOCD). This Report provides documentation of detailed sampling and proposed remedial actions to address the Cotton Draw Pipeline release. This report serves as a condensed update on field activities undertaken at the afore referenced Site.



Project Information

The site is in Unit Letter K (NE/SW), Section 19, Township 25 South, Range 32 East. The spill area measures approximately 4,000 sq. ft. and is approximately 31 miles west of Jal, New Mexico on Federal Land. Site Map included, respectively. Latitude 32.112443 North, Longitude 103.718743

1.0 Background

On March 2, 2022, a release was discovered on the Cotton Draw Pipeline. The release was attributed to corrosion of the pipeline segment releasing approximately 22.1 BBLS of pipeline liquid and 60 mcf of natural gas with zero recovered.

Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. Remediation pages of the NMOCD Form C-141 are included as Attachment V. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map, Delineation Map, and Proposed Excavation Map are included as Figure 1, Figure 2, Figure 3, Figure 4, and Figure 5, respectively.

2.0 NMOCD Site Classification:

A search of the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) groundwater databases was completed 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. Estimated depth to groundwater is approximately 350' Bgs. Data from groundwater research is not within 25 years and is not accordance with NMOCD Rules and Regulations. Therefor,Karst mapping indicates the site is in a Low Karst designated area. Depth to groundwater information is provided as Attachment II and the results are depicted on Figures 1,2, and 3.

Utilizing this information, the NMOCD Closure Criteria for the Site were determined as follows.



Table	21
-------	----

>100 feet	Chloride***	EPA 300.0 or SM4500 C1 B	20,000 mg/kg	600 mg/kg
	TPH	EPA SW-846 Method	2,500 mg/kg	100 mg/kg
	(GRO+DRO+MRO)	8015M		100 mg/ kg
	GRO+DRO	EPA SW-846 Method	1,000 mg/kg	N/A ma/ka
		8015M		N/A mg/kg
	BTEX	EPA SW-846 Method 8021B	50 mg/kg	50 mg/kg
		or \$260B		0.0
	Benzene	EPA SW-846 Method 8021B	10 mg/kg	10 //
		or \$260B		10 mg/kg

* Measured in milligrams per kilogram (mg/kg)

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

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

3.0 Delineation Activities

On April 28, 2022, HMSS, conducted an initial site assessment. During the initial assessment, a series of soil bores were advanced within the release margins to determine the vertical extent of impacted soil. In addition, sample test trenches were advanced along the inferred edges of the affected area to determine the horizontal extent of contamination. During the advancement of the soil bores and test trenches, soil samples were collected, and field screened for the presence of volatile organic compounds via a photoionization detector (PID) and chloride concentrations utilizing a Hach Quan tab[®] chloride test kit.

- Based on field observations and field test data, HMSS collected (30) thirty representative soil samples for laboratory analysis.
 - Background sample and delineation soil samples represented by SP 1- SP 5 and HZ1-HZ8 were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH or chloride concentrations were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard except for SP1-Surf, SP2-Surf, SP3-5, SP4-Surf, SP5-Surf, SP5-5', and HZ6-Surf in each of the submitted soil samples. On May 18, 2022, delineation activities resumed on location. Remaining samples were collected and submitted laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH or chloride concentrations were below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standard apart from SP5-5' and the Horizontal extent was adequately defined.



A delineation Sample Location Map is provided as Figure 4. A summary of Soil Sample Laboratory Analytical Results is provided as Table 2, and Laboratory Analytical Reports are provided as Attachment IV.

4.0 PROPOSED ACTIONS

Based on the initial site assessment, and laboratory analytical results made during the initial site assessment, the following remediation activities are proposed to advance the site toward an approved closure:

- All visible staining will be removed and hauled to a state approved disposal facility.
- Based on soil sample analysis and PID readings, the site appears to be delineated both vertically and horizontally apart from SP5 -5'. Full delineation will be completed during final excavation activities.
- ETC respectfully proposes Excavation depths as follows:
 - SP2-Excavate approximately 2' Bgs or until or until laboratory confirmation results show Chloride, TPH, and BTEX are under the NMOCD Closure Criteria reclamation standard.
 - SP3- Excavate approximately 6' Bgs or until or until laboratory confirmation results show Chloride, TPH, and BTEX are under the NMOCD Closure Criteria reclamation standard
 - SP4- Excavate approximately 6" Bgs or until or until laboratory confirmation results show Chloride, TPH, and BTEX are under the NMOCD Closure Criteria reclamation standard.
 - SP5 -- Excavate approximately 7' Bgs or until or until laboratory confirmation results show Chloride, TPH, and BTEX are under the NMOCD Closure Criteria reclamation standard
 - Area represented by HZ 6 excavate a 200sq ft area approximately 1-2' Bgs or until or until laboratory confirmation results show Chloride, TPH, and BTEX are under the NMOCD Closure Criteria reclamation standard.
- GPS time stamped photographs of excavation activities.
- After excavation, confirmation bottom hole and sidewall samples will be collected representing every 200sq.ft and sent to a lab and tested for TPH, BTEX and Chloride. All final confirmation analytical results and remediation activities will be documented in the *Request for Closure Report* submitted after final remediation activities are complete.
- Excavated soil will be transported for disposal to an NMOCD permitted disposal facility.
- Backfill will be sourced from native like material, clean soil, sourced locally from nearby area, approved BLM location.



- All areas will then be reseeded in the appropriate season with a BLM approved seed mix
- A *Request for Closure Report* will be submitted detailing all remediation activities conducted in accordance with the NMOCD.

A Proposed Excavation map is provided as Figure 5, respectively.

5.0 Sampling Plan:

Upon completion of excavation activities, confirmation five-point composite soil samples will be collected from the floor and sidewalls of the excavated area representing every 200 square feet.

Estimated Timeline and Remediation Soil Volume:

Proposed estimated excavation volume: *Approximately 870 cubic yards* Remediation activities are expected to be completed within 90 days of receiving necessary approval of this *Remediation Work Plan*.

Restoration, Reclamation, and Re-Vegetation:

Based upon laboratory analytical results from confirmation soil samples, the excavated areas will be backfilled with locally sourced clean, non-impacted "like" material placed at or near relative positions. The affected area will be 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.



Limitations:

Haz Mat Special Services, LLC, has prepared this *Site Assessment and Proposed Remediation Request to* the best of its ability. No other warranty, expressed or implied, is made or intended. HMSS has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. HMSS has not conducted an independent examination of the facts contained in referenced materials and statements. HMSS has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. HMSS 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. HMSS has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants.

This report has been prepared for the benefit of ETC, Texas Pipeline Ltd. Use of the information contained in this report is prohibited with consent of Haz Mat Special Services and/or Etc. Texas Pipeline, Ltd.

Distribution:

ETC, Texas Pipeline Ltd. 600 N. Marienfeld St., Suite 700 Midland, TX 79701

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 1 1625 N. French Drive Hobbs, NM 88240

United States Department of the Interior

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



TABLE 1
Summary of Soil Sample Laboratory Analytical Results
ETC Texas Pipeline, Ltd.

ETC Texas Pipeline, Ltd.											
	1		N	MOCD Re	f. #: nAPP2	2073437	782		1		1
Sample ID	Date	Depth (ft)	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)
SP 1	4/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
3P 1	4/28/22	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SP 2	5/18/22	Surf	In-Situ	<0.050	19.2	359	2,650	3009	36.6	3,045.6	2,240
3F 2	5/18/22	4'	In-Situ	<0.050	<0 .300	<10.0	<10.0	0	<10.0	<10.0	48
SP 3	5/18/22	5'	In-Situ	<0.500	153	3170	5,080	8250	182	8,432.0	32
3F 3	5/18/22	6'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SP 4	4/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	107	107	10.2	117.2	32
3F 4	4/28/22	2'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SP5	5/18/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
362	5/18/22	5'	In-Situ	<0.050	27.6	704	1990	2694	62.5	2,756.5	64
Background	4/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
HZ1	4/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
ΠΖΙ	4/28/22	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
HZ2	4/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
ΠZZ	4/28/22	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
HZ3	4/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
EL2	4/28/22	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
HZ4	5/18/22	Surf	In-Situ	<0.050	<0.300	10.5	23.7	34.2	<10.0	34.2	80
HZ4	5/18/22	1'	In-Situ	<0.050	<0.300	<10.0	39.7	39.7	<10.0	39.7	48
HZ5	5/18/22	Surf	In-Situ	<0.050	<0.300	<10.0	38	38	<10.0	38.0	64
ΠZΟ	5/18/22	1'	In-Situ	<0.050	<0.300	<10.0	33	33	<10.0	33.0	48
HZ6	4/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	16.4	16.4	<10.0	16.4	1420
HZ0	4/28/22	8'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
HZ6-A	5/18/22	Surf	In-Situ	<0.050	<0.300	<10.0	20.8	20.8	<10.0	20.8	16
П20-А	5/18/22	1'	In-Situ	<0.050	<0.300	<10.0	23.6	23.6	<10.0	23.6	16
HZ7	4/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
ΠΔ/	4/28/22	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
LI70	4/28/22	Surf	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
HZ8	4/28/22	1'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

Figure 1 Topographic Map



Page 104 of 189

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Figure 2 OSE Map



Figure 3 USGS Map



Page 108 of 18.
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Figure 4 Delineation Sample Location Map



Attachment I Site Photographs



Haz Mat Special Services











Attachment II Depth to Groundwater



Haz Mat Special Services

Respired to 16 CAD: 2/12/2 Rad 1:14:58 Remus/ReportDispatcher?type=WRHTML&name=WaterRightSummaryHTML.jrxml&basin=C&nbr=82845116ff8f 189

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WATER RIGHT SUMMARY

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Well Tag	POD Number	Q64 Q16 Q4 Sec Tws Rng X Y	
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*UTM location was derived from PLSS - see Help

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POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer **Point of Diversion Summary**

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x Driller Lic	ense:	1706	Driller	[•] Compa	ny:	EL	ITE DRI	ILLERS CO	RPORATION	
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New Mexico Office of the State Engineer **Point of Diversion Summary**

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Drill Start Date: 06/28/2018		Drill F	Drill Finish Date: 07/04/			7/04/201	18 Plu	ıg Date:				
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Pump Type	Pump Type:							Est	timated Yield:	40 GPM		
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x	Wate	er Bearing Stratifi	cations:		Тор	В	ottom	Desci	ription			
					330		390	Sands	stone/Gravel	/Conglomerate		
					390		430	Sands	stone/Gravel	/Conglomerate		
					430		480	Sands	stone/Gravel	/Conglomerate		
					480		610	Sands	stone/Gravel	/Conglomerate		
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National Water Information System: Web Interface

USGS Water Resources

Data	Category:		9
Site	e Information	~	

Geographic Area: United States

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USGS 320424103415401 26S.31E.01.421322

Available data for this site SUMMARY OF ALL AVAILABLE DATA V GO

Well Site

DESCRIPTION:

Latitude 32°04'24", Longitude 103°41'54" NAD27 Eddy County, New Mexico , Hydrologic Unit 13070001 Well depth: not determined. Land surface altitude: 3,294 feet above NAVD88. Well completed in "Other aquifers" (N99990THER) national aquifer. Well completed in "Santa Rosa Sandstone" (231SNRS) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1983-01-26	1987-10-21	3
Revisions	Unavailable (eries:0)	

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center Email questions about this site to <u>New Mexico Water Science Center Water-Data</u> <u>Inquiries</u>

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Title: NWIS Site Information for USA: Site Inventory URL: https://waterdata.usgs.gov/nwis/inventory? agency_code=USGS&site_no=320424103415401

Page Contact Information: <u>New Mexico Water Data Support Team</u> Page Last Modified: 2022-04-25 12:33:52 EDT 0.27 0.26 vaww01



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National Water Information System: Web Interface

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Site	Information	~	U
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USGS 320932103443801 25S.31E.02.23441

Available data for this site SUMMARY OF ALL AVAILABLE DATA V GO

Well Site

DESCRIPTION:

Latitude 32°09'37.4", Longitude 103°44'29.6" NAD83 Eddy County, New Mexico , Hydrologic Unit 13070001 Well depth: 1016 feet Land surface altitude: 3,460.00 feet above NGVD29. Well completed in "Other aquifers" (N99990THER) national aquifer. Well completed in "Rustler Formation" (312RSLR) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count		
Field groundwater-level measurements	1966-08-18	1976-01-28	2		
Revisions	Unavailable (site:0) (timeseries:				

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center Email questions about this site to <u>New Mexico Water Science Center Water-Data</u> <u>Inquiries</u>

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Title: NWIS Site Information for USA: Site Inventory URL: https://waterdata.usgs.gov/nwis/inventory? agency_code=USGS&site_no=320932103443801

Page Contact Information: <u>New Mexico Water Data Support Team</u> Page Last Modified: 2022-04-25 12:35:08 EDT 0.27 0.26 vaww01





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National Water Information System: Web Interface

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Groundwater	~	United States	~	GO

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Groundwater levels for the Nation

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

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 320424103415401

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320424103415401 26S.31E.01.421322

Eddy County, New Mexico Latitude 32°04'24", Longitude 103°41'54" NAD27 Land-surface elevation 3,294 feet above NAVD88 This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer. **Output formats**

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

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1983-01-26		D	62610		3002.25	NGVD29	1	Z		
1983-01-26		D	62611		3003.88	NAVD88	1	Z		
1983-01-26		D	72019	290.12			1	Z		
1983-02-14		D	62610		3002.95	NGVD29	1	Z		
1983-02-14		D	62611		3004.58	NAVD88	1	Z		
1983-02-14		D	72019	289.42			1	Z		
1987-10-21		D	62610		3002.47	NGVD29	1	Z		
1987-10-21		D	62611		3004.10	NAVD88	1	Z		
1987-10-21		D	72019	289.90			1	Z		

Explanation							
Section Code Description							
Water-level date-time accuracy	D	Date is accurate to the Day					
Parameter code	62610	Groundwater level above NGVD 1929, feet					
Parameter code	62611	Groundwater level above NAVD 1988, feet					

Received by QCD: 2/12/2024 1:14:58 PM

USGS Groundwater for USA: Water Levels -- 1 sites

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Section	Code	Description
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	А	Approved for publication Processing and review completed.

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U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-04-25 12:34:08 EDT 0.29 0.25 nadww01 USA.gov

USGS Home Contact USGS Search USGS



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

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

Search Results -- 1 sites found

Agency code = usgs

site_no list = • 320932103443801

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320932103443801 25S.31E.02.23441

Eddy County, New Mexico Latitude 32°09'37.4", Longitude 103°44'29.6" NAD83 Land-surface elevation 3,460.00 feet above NGVD29 The depth of the well is 1,016 feet below land surface. This well is completed in the Other aquifers (N99990THER) national aquifer. This well is completed in the Rustler Formation (312RSLR) local aquifer.

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

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1966-08-18		D	62610		3060.00	NGVD29	1	Z		
1966-08-18		D	62611		3061.71	NAVD88	1	Z		
1966-08-18		D	72019	400.00			1	Z		
1976-01-28		D	62610		3069.73	NGVD29	1	Z		
1976-01-28		D	62611		3071.44	NAVD88	1	Z		
1976-01-28		D	72019	390.27			1	Z		

Explanation							
Section	Code	Description					
Water-level date-time accuracy	D	Date is accurate to the Day					
Parameter code	62610	Groundwater level above NGVD 1929, feet					
Parameter code	62611	Groundwater level above NAVD 1988, feet					
Parameter code	72019	Depth to water level, feet below land surface					
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988					
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929					

Rottos Unvis Water and 1999 apployies of the no=320932103443801&agency_cd=USGS&format=html

Received by QCD: 2/12/2024 1:14:58 PM

USGS Groundwater for USA: Water Levels -- 1 sites

Page 131 of 189

Section	Code	Description
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	А	Approved for publication Processing and review completed.

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

Accessibility FOIA Privacy Policies and Notices U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels

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

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-04-25 12:35:22 EDT 0.32 0.29 nadww02 USA.gov

Attachment III Field Data



Haz Mat Special Services



Received by OCD: 2/12/2024 1:14:58 PM

HMSS			Samp	le Log
	- Car			Date: 422.2.2
Project: Co	Man Dr.	2.01	– Longitude: 0	Sampler: Kyle Garain
le ID	Depth	PID/Odor	Chloride	GPS
w 6	Surface		265 × 4= 1,060	12.90 pm 32, 11215 -103.71870
0 6	1º	.2	331 X4=1,324	12:00 Pm 32.11215 -103. 21820
x 6	Z	0	410 84 = 1,640	12:15 PM
. 6	3'	0	331 84= 1,324	12,15 Pm
~ 6 -	4'	Q	356 X4= 1,424	12:30 pm
16	5'	0	355 × 4= 1,424	12:30 PM
6	6'	Q	382, 14= 1,528	12:45 Pm
ekround	Smiface	0	32 X4= 128	1:097m 32, 11226 - 103.71852
1-6	7'	0	472 ×4= 1,888	1.10 pm
'5	Sulface	5,4	382 X4= 1,528	1:45 Pm 32.11226-103,71873
5	21	.9	974 X4= 3,846	1:45Pm V V
5	41	0	32 14= 128	ZigaPm
3	Sulface:4"	942	597 14= 2,028	2:15 Pm 32.11277 -103-71886
'3	5	1,200	472 X4=1,883	2:30Pm 4 4
3	6	-	Befusa/	
4	Surface	3	32 84= 128	2:45 32.11246 -103.71866
74	2'	1.9	32 19= 128	7.09
3	Sustace		32 14= 128	3. 30 32,11305 - 103,71868
3		7	32 19=128	3:45 + +
7	Sutface	1.07	32 14= 128	10:30 32.1/228-103.71876
. 7	3- (Face	-2	32 84=128 32 84=128	10:30
8	11/1/1000		32 /1 = 128	10:45 32.11247 - 103.71901
8 4	Sufface	.3	32 14 = 128	10:45
1	11	0	32 14= 128	11:0932,11257 - 103,71907
2	Sufface	-	32 14= 128	11:15 32, 11277 - 103.71880
2	1'	1	32/10/- 128	11:15
2	Sulface	100.3	1056×4 = 4,224	11:30 32,11266 -103,71826
2	21	366	694 X4= 2,776	11:45
2	4-	1000111/	126 X4= 1,704	11.55
	Subtace	./	29 84= 116	12:05 32,11262 -103,71847
	2'	1	29,845 116	12.05
a da				

Attachment IV Laboratory Analytical Reports



Haz Mat Special Services



May 09, 2022

LINDSEY NEVELS HAZMAT SPECIAL SERVICES 8610 S EUNICE HWY HOBBS, NM 88240

RE: COTTON DRAW

Enclosed are the results of analyses for samples received by the laboratory on 05/03/22 12:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	5	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: SP1 - SURFACE (H221827-01)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.18	109	2.00	0.291	
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	107	2.00	0.217	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.12	106	2.00	0.636	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.59	110	6.00	1.08	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/05/2022	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	05/05/2022	ND	194	96.9	200	0.272	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	190	95.0	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	77.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.6	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	5	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: SP1 - 2' (H221827-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.18	109	2.00	0.291	
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	107	2.00	0.217	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.12	106	2.00	0.636	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.59	110	6.00	1.08	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/05/2022	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	05/05/2022	ND	194	96.9	200	0.272	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	190	95.0	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	86.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.5	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	5	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			-

Sample ID: SP2 - SURFACE (H221827-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.18	109	2.00	0.291	
Toluene*	0.084	0.050	05/06/2022	ND	2.15	107	2.00	0.217	GC-NC1
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.12	106	2.00	0.636	
Total Xylenes*	3.89	0.150	05/06/2022	ND	6.59	110	6.00	1.08	
Total BTEX	3.97	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	38400	16.0	05/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	114	100	05/06/2022	ND	194	96.9	200	0.272	
DRO >C10-C28*	34300	100	05/06/2022	ND	190	95.0	200	0.758	
EXT DRO >C28-C36	1980	100	05/06/2022	ND					
Surrogate: 1-Chlorooctane	124 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	1050	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	;	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: SP2 - 4' (H221827-04)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.18	109	2.00	0.291	
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	107	2.00	0.217	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.12	106	2.00	0.636	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.59	110	6.00	1.08	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	05/05/2022	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*	16.4	10.0	05/06/2022	ND	194	96.9	200	0.272	
DRO >C10-C28*	147	10.0	05/06/2022	ND	190	95.0	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	05/06/2022	ND					
Surrogate: 1-Chlorooctane	91.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.7	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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 SM4500CI-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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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, whother business interruptors, loss of use, or loss of profits incurred by client, its subsidiaries, afflicate or successor arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	5	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: HZ8 - 1' (H221827-21)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	05/06/2022	ND	2.08	104	2.00	3.51	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.03	102	2.00	3.03	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/05/2022	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	05/05/2022	ND	205	103	200	7.55	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	197	98.4	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	88.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.2	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:		
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: HZ8 - SURFACE (H221827-20)

BTEX 8021B	mg/	/kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	05/06/2022	ND	2.08	104	2.00	3.51	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.03	102	2.00	3.03	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/05/2022	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	05/05/2022	ND	205	103	200	7.55	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	197	98.4	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	97.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	5	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: HZ7 - 1' (H221827-19)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	05/06/2022	ND	2.08	104	2.00	3.51	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.03	102	2.00	3.03	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/05/2022	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	05/05/2022	ND	205	103	200	7.55	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	197	98.4	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	90.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.3	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:		
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: HZ7 - SURFACE (H221827-18)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	05/06/2022	ND	2.08	104	2.00	3.51	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.03	102	2.00	3.03	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 \$	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/05/2022	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	05/05/2022	ND	205	103	200	7.55	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	197	98.4	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	106	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 9	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	;	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: HZ6 - 8' (H221827-17)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	05/06/2022	ND	2.08	104	2.00	3.51	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.03	102	2.00	3.03	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/05/2022	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	05/05/2022	ND	205	103	200	7.55	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	197	98.4	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	89.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.1	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	5	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: HZ6 - SURFACE (H221827-16)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	05/06/2022	ND	2.08	104	2.00	3.51	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.03	102	2.00	3.03	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	05/05/2022	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	05/05/2022	ND	205	103	200	7.55	
DRO >C10-C28*	16.4	10.0	05/05/2022	ND	197	98.4	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	100	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	;	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: HZ3 - 1' (H221827-15)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	05/06/2022	ND	2.08	104	2.00	3.51	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.03	102	2.00	3.03	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/05/2022	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	05/05/2022	ND	194	96.9	200	0.272	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	190	95.0	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	83.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.8	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	5	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			-

Sample ID: HZ3 - SURFACE (H221827-14)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	05/06/2022	ND	2.08	104	2.00	3.51	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.03	102	2.00	3.03	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/05/2022	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	05/05/2022	ND	194	96.9	200	0.272	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	190	95.0	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	90.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.2	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	5	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: HZ2 - 1' (H221827-13)

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	05/06/2022	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	05/06/2022	ND	2.08	104	2.00	3.51	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.03	102	2.00	3.03	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/05/2022	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	05/05/2022	ND	194	96.9	200	0.272	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	190	95.0	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	80.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.3	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	5	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: HZ2 - SURFACE (H221827-12)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	05/06/2022	ND	2.08	104	2.00	3.51	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.03	102	2.00	3.03	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/05/2022	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	05/05/2022	ND	194	96.9	200	0.272	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	190	95.0	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	78.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.3	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	5	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: HZ1 - 1' (H221827-11)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	05/06/2022	ND	2.08	104	2.00	3.51	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.03	102	2.00	3.03	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/05/2022	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	05/05/2022	ND	194	96.9	200	0.272	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	190	95.0	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	80.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.7	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:		
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: HZ1 - SURFACE (H221827-10)

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	05/06/2022	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	05/06/2022	ND	2.08	104	2.00	3.51	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.03	102	2.00	3.03	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/05/2022	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	05/05/2022	ND	194	96.9	200	0.272	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	190	95.0	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	74.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	74.8	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICE LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	S	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: BACKGROUND (H221827-09)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.18	109	2.00	0.291	
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	107	2.00	0.217	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.12	106	2.00	0.636	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.59	110	6.00	1.08	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/05/2022	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	05/05/2022	ND	194	96.9	200	0.272	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	190	95.0	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	82.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.5	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	5	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: SP4 - 2' (H221827-08)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2022	ND	2.18	109	2.00	0.291	
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	107	2.00	0.217	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.12	106	2.00	0.636	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.59	110	6.00	1.08	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	mg/kg Analyzed By: AC		d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/05/2022	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	05/05/2022	ND	194	96.9	200	0.272	
DRO >C10-C28*	<10.0	10.0	05/05/2022	ND	190	95.0	200	0.758	
EXT DRO >C28-C36	<10.0	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	77.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.3	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	5	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			-

Sample ID: SP4 - SURFACE (H221827-07)

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	05/06/2022	ND	2.18	109	2.00	0.291	
Toluene*	<0.050	0.050	05/06/2022	ND	2.15	107	2.00	0.217	
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.12	106	2.00	0.636	
Total Xylenes*	<0.150	0.150	05/06/2022	ND	6.59	110	6.00	1.08	
Total BTEX	<0.300	0.300	05/06/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2022	ND	194	96.9	200	0.272	
DRO >C10-C28*	107	10.0	05/05/2022	ND	190	95.0	200	0.758	
EXT DRO >C28-C36	10.2	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	91.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.6	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	5	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: SP3 - 5' (H221827-06)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.131	0.050	05/06/2022	ND	2.18	109	2.00	0.291	
Toluene*	5.09	0.050	05/06/2022	ND	2.15	107	2.00	0.217	GC-NC1
Ethylbenzene*	<0.050	0.050	05/06/2022	ND	2.12	106	2.00	0.636	
Total Xylenes*	20.8	0.150	05/06/2022	ND	6.59	110	6.00	1.08	GC-NC1
Total BTEX	26.1	0.300	05/06/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	310	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	05/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	746	10.0	05/05/2022	ND	194	96.9	200	0.272	
DRO >C10-C28*	4470	10.0	05/05/2022	ND	190	95.0	200	0.758	
EXT DRO >C28-C36	194	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	241	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	134	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES LINDSEY NEVELS 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:	5	
Received:	05/03/2022		Sampling Date:	04/28/2022
Reported:	05/09/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	ETC			

Sample ID: SP3 - SURFACE (H221827-05)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	05/06/2022	ND	2.18	109	2.00	0.291	
Toluene*	4.59	0.200	05/06/2022	ND	2.15	107	2.00	0.217	GC-NC1
Ethylbenzene*	<0.200	0.200	05/06/2022	ND	2.12	106	2.00	0.636	
Total Xylenes*	24.4	0.600	05/06/2022	ND	6.59	110	6.00	1.08	GC-NC1
Total BTEX	29.0	1.20	05/06/2022	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	188 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	05/05/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1110	10.0	05/05/2022	ND	194	96.9	200	0.272	
DRO >C10-C28*	6020	10.0	05/05/2022	ND	190	95.0	200	0.758	
EXT DRO >C28-C36	293	10.0	05/05/2022	ND					
Surrogate: 1-Chlorooctane	286 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	172 9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



May 23, 2022

EDDIE GAYTAN HAZMAT SPECIAL SERVICES 8610 S EUNICE HWY HOBBS, NM 88240

RE: COTTON DRAW

Enclosed are the results of analyses for samples received by the laboratory on 05/18/22 15:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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.

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,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES EDDIE GAYTAN 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:		
Received:	05/18/2022		Sampling Date:	05/13/2022
Reported:	05/23/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	ETC			

Sample ID: SP 2 - SURFACE (H222115-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.8	2.00	1.90	
Toluene*	0.884	0.050	05/19/2022	ND	2.00	100	2.00	2.45	GC-NC1
Ethylbenzene*	0.794	0.050	05/19/2022	ND	1.90	94.9	2.00	2.54	
Total Xylenes*	17.6	0.150	05/19/2022	ND	5.91	98.5	6.00	2.88	
Total BTEX	19.2	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	155	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	05/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	359	10.0	05/19/2022	ND	206	103	200	7.07	
DRO >C10-C28*	2650	10.0	05/19/2022	ND	195	97.7	200	2.65	
EXT DRO >C28-C36	36.6	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	166	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	134	% 59.5-14	2						

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Analytical Results For:

		HAZMAT SPECIAL SERVICES EDDIE GAYTAN 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:		
Received:	05/18/2022		Sampling Date:	05/13/2022
Reported:	05/23/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	ETC			

Sample ID: SP 2 - 4' (H222115-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.8	2.00	1.90	
Toluene*	<0.050	0.050	05/19/2022	ND	2.00	100	2.00	2.45	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.90	94.9	2.00	2.54	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	5.91	98.5	6.00	2.88	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	mg/kg Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/19/2022	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	05/19/2022	ND	206	103	200	7.07	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	195	97.7	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	106	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 9	59.5-14	2						

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Analytical Results For:

		HAZMAT SPECIAL SERVICES EDDIE GAYTAN 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:		
Received:	05/18/2022		Sampling Date:	05/13/2022
Reported:	05/23/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	ETC			

Sample ID: SP 3 - 5' (H222115-03)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	05/20/2022	ND	2.00	99.8	2.00	1.90	
Toluene*	10,8	0.500	05/20/2022	ND	2.00	100	2.00	2.45	GC-NC1
Ethylbenzene*	6.89	0.500	05/20/2022	ND	1.90	94.9	2.00	2.54	
Total Xylenes*	136	1.50	05/20/2022	ND	5.91	98.5	6.00	2.88	
Total BTEX	153	3.00	05/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	171	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3170	10.0	05/19/2022	ND	206	103	200	7.07	
DRO >C10-C28*	5080	10.0	05/19/2022	ND	195	97.7	200	2.65	
EXT DRO >C28-C36	182	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	501	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	173	% 59.5-14	2						

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Analytical Results For:

		HAZMAT SPECIAL SERVICES EDDIE GAYTAN 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:		
Received: Reported: Project Name:	05/18/2022 05/23/2022 COTTON DRAW		Sampling Date: Sampling Type: Sampling Condition:	05/13/2022 Soil Cool & Intact
Project Number: Project Location:	NOT GIVEN ETC		Sample Received By:	Tamara Oldaker

Sample ID: SP 3 - 6' (H222115-04)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.8	2.00	1.90	
Toluene*	<0.050	0.050	05/19/2022	ND	2.00	100	2.00	2.45	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.90	94.9	2.00	2.54	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	5.91	98.5	6.00	2.88	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	mg/kg Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/19/2022	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	05/19/2022	ND	206	103	200	7.07	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	195	97.7	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	108	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114	% 59.5-14	2						

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Analytical Results For:

		HAZMAT SPECIAL SERVICES EDDIE GAYTAN 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:		
Received:	05/18/2022		Sampling Date:	05/13/2022
Reported:	05/23/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	ETC			

Sample ID: HZ 4 - SURFACE (H222115-05)

BTEX 8021B	mg/	′kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.8	2.00	1.90	
Toluene*	<0.050	0.050	05/19/2022	ND	2.00	100	2.00	2.45	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.90	94.9	2.00	2.54	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	5.91	98.5	6.00	2.88	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/19/2022	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*	10,5	10.0	05/19/2022	ND	206	103	200	7.07	
DRO >C10-C28*	23.7	10.0	05/19/2022	ND	195	97.7	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	125 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	129 9	% 59.5-14	2						

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Analytical Results For:

		HAZMAT SPECIAL SERVICES EDDIE GAYTAN 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:		
Received: Reported: Project Name: Project Number: Project Location:	05/18/2022 05/23/2022 COTTON DRAW NOT GIVEN ETC		Sampling Date: Sampling Type: Sampling Condition: Sample Received By:	05/13/2022 Soil Cool & Intact Tamara Oldaker

Sample ID: HZ 4 - 1' (H222115-06)

BTEX 8021B	mg,	'kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.8	2.00	1.90	
Toluene*	<0.050	0.050	05/19/2022	ND	2.00	100	2.00	2.45	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.90	94.9	2.00	2.54	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	5.91	98.5	6.00	2.88	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.6	10.0	05/19/2022	ND	206	103	200	7.07	
DRO >C10-C28*	39.7	10.0	05/19/2022	ND	195	97.7	200	2.65	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	137	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	139	59.5-14	2						

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Analytical Results For:

		HAZMAT SPECIAL SERVICES EDDIE GAYTAN 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:		
Received:	05/18/2022		Sampling Date:	05/13/2022
Reported:	05/23/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	ETC			

Sample ID: HZ 5 - SURFACE (H222115-07)

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	05/19/2022	ND	2.00	99.8	2.00	1.90	
Toluene*	<0.050	0.050	05/19/2022	ND	2.00	100	2.00	2.45	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.90	94.9	2.00	2.54	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	5.91	98.5	6.00	2.88	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/19/2022	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	05/19/2022	ND	207	103	200	6.09	
DRO >C10-C28*	37.7	10.0	05/19/2022	ND	215	107	200	8.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 9	% 59.5-14	2						

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Analytical Results For:

		HAZMAT SPECIAL SERVICES EDDIE GAYTAN 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:		
Received:	05/18/2022		Sampling Date:	05/13/2022
Reported:	05/23/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	ETC			

Sample ID: HZ 5 - 1' (H222115-08)

BTEX 8021B	mg/	'kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.00	99.8	2.00	1.90	
Toluene*	<0.050	0.050	05/19/2022	ND	2.00	100	2.00	2.45	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.90	94.9	2.00	2.54	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	5.91	98.5	6.00	2.88	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/19/2022	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	05/19/2022	ND	207	103	200	6.09	
DRO >C10-C28*	33.0	10.0	05/19/2022	ND	215	107	200	8.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	95.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 9	59.5-14	2						

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Analytical Results For:

		HAZMAT SPECIAL SERVICES EDDIE GAYTAN 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:		
Received:	05/18/2022		Sampling Date:	05/13/2022
Reported:	05/23/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	ETC			

Sample ID: HZ 6 - A - SURFACE (H222115-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	2.82	
Toluene*	<0.050	0.050	05/19/2022	ND	2.01	101	2.00	2.85	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.97	98.7	2.00	3.29	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.07	101	6.00	3.60	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/19/2022	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	05/19/2022	ND	207	103	200	6.09	
DRO >C10-C28*	20.8	10.0	05/19/2022	ND	215	107	200	8.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	104 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	116 %	6 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES EDDIE GAYTAN 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:		
Received:	05/18/2022		Sampling Date:	05/13/2022
Reported:	05/23/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	ETC			

Sample ID: HZ 6 - A - 1' (H222115-10)

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	05/19/2022	ND	2.04	102	2.00	2.82	
Toluene*	<0.050	0.050	05/19/2022	ND	2.01	101	2.00	2.85	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.97	98.7	2.00	3.29	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.07	101	6.00	3.60	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/19/2022	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	05/19/2022	ND	207	103	200	6.09	
DRO >C10-C28*	23.6	10.0	05/19/2022	ND	215	107	200	8.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	97.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 9	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES EDDIE GAYTAN 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:		
Received:	05/18/2022		Sampling Date:	05/13/2022
Reported:	05/23/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	ETC			

Sample ID: SP 5 - SURFACE (H222115-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	2.82	
Toluene*	<0.050	0.050	05/19/2022	ND	2.01	101	2.00	2.85	
Ethylbenzene*	<0.050	0.050	05/19/2022	ND	1.97	98.7	2.00	3.29	
Total Xylenes*	<0.150	0.150	05/19/2022	ND	6.07	101	6.00	3.60	
Total BTEX	<0.300	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/19/2022	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	05/19/2022	ND	207	103	200	6.09	
DRO >C10-C28*	<10.0	10.0	05/19/2022	ND	215	107	200	8.55	
EXT DRO >C28-C36	<10.0	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	87.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.8	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

		HAZMAT SPECIAL SERVICES EDDIE GAYTAN 8610 S EUNICE HWY HOBBS NM, 88240 Fax To:		
Received:	05/18/2022		Sampling Date:	05/13/2022
Reported:	05/23/2022		Sampling Type:	Soil
Project Name:	COTTON DRAW		Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	ETC			

Sample ID: SP 5 - 5' (H222115-12)

BTEX 8021B	mg/	'kg	Analyze	d By: MS\					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2022	ND	2.04	102	2.00	2.82	
Toluene*	2,01	0.050	05/19/2022	ND	2.01	101	2.00	2.85	GC-NC1
Ethylbenzene*	1.28	0.050	05/19/2022	ND	1.97	98.7	2.00	3.29	
Total Xylenes*	24.3	0.150	05/19/2022	ND	6.07	101	6.00	3.60	
Total BTEX	27,6	0.300	05/19/2022	ND					
Surrogate: 4-Bromofluorobenzene (PIL	273 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/19/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	704	10.0	05/19/2022	ND	207	103	200	6.09	
DRO >C10-C28*	1990	10.0	05/19/2022	ND	215	107	200	8.55	
EXT DRO >C28-C36	62.5	10.0	05/19/2022	ND					
Surrogate: 1-Chlorooctane	254 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	148 9	% 59.5-14	2						

Cardinal Laboratories

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 C AL IPS S

	(575) 393-2326 FAX (575) 393-2476	FAX (575) 393-2476	6					4			
Company Name:				BIL	BILL TO		1		ANA	ANALYSIS REQUEST	-
Project Manager:				P.O. #: E-22012-GL-21300136	2-GL-21300136	1					
Address: 8610 S	8610 S EUNICE HWY			Company: ETC	Company: ETC TEXAS PIPELINE	NE	_				
City: HOBBS		State: NM	Zip: 88240	Attn: DEAN ERICSON	RICSON						
e#:	575441-0212	Fax #:		Address:					-		_
		Project Owner:	Project Owner: ETC TEXAS PIPELINE	NE City:			_		_		_
ame:	COTTONDRAW			State:	Zip:		-		_		_
<u> </u>				Phone #: (432) 238-2142	238-2142						
Sampler Name:	KYLE GARCIA			Fax #:							
FOR LAB USE ONLY			MATRIX	A PRESERV.	SAMPLING						
Lab I.D.	Sample I.D.		G)RAB OR (C)OMF CONTAINERS BROUNDWATER WASTEWATER SOIL DIL	SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	DATE TIME	CHLORIDE	BTEX	ТРН			
C.10.77	SP2-SURFACE			×	5-13	×	-	×			
2	SP2-4"		X	×	5-13	×	×	×	+		
r)	SP3-5'		×	X	0-13	×	×	×	T		
4	SP3-6'		×	×	5-13	×	×	× ×	+		
S	HZ4-SURFACE		X		5-13	>	>	>	+		
	HZ4-1'		×		5-13	×	×	×			
5	HZ5-SURFACE		×	. >	5-13	×	f	×			
×	HZ5-1'		×	×	5-73	(×	-	< ×	+		
9	HZ6-A-SURFACE		×		5-13	< >	-	< >			
lo	HZ6-A-1'		×	X	5-13	ant for the	×	X	F		
PLEASE NOTE: Liability and Dam analyses. All claims including thos service. In no event shall Cardinal		nt's exclusive remedy for an ause whatsoever shall be d juental damages, including	ages. Cardinal's lability and client's exclusive nemedy for any claim ansing whether teach in contract or tont, shall be instead to the an e for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cadinal within 30 c be lable for incidental or consequental damages, including without limitation. A substance with claims, less of use, or loss of profils incu- be lable for incidental or consequental damages, including without limitation. A substance with claims is been and of the above a	ther based in contract or fort, shall be immitted to the smade in writing and received by Cardinal will usiness interruptions, loss of use, or loss of prof usiness interruptions, loss of use, or loss of prof of ubstructure and loss is based upon any of the	inted to the amount paid by the client for one inal within 30 days after completion of the a of profits incurred by client, its subsidiaries, of the above stated reasons or otherwise.	ent for the appl on of the appl beldaries, therwise.	Icable				
Relinquished By:	Y: W	Date: 8-22 5-18-22 Time:	Received By:	and Ma	All Re	Verbal Result: All Results are	emaile	Yes I No led. Please pro	Add	Verbal Result: Ves Verbal Results are emailed. Please provide Email address:	
Relinquished By:	12	Date:	Received By:	A - or to total	REM	REMARKS:					
Eddie	SAYAN	Time:						0		Bactaria (only) Sample Conditi	on
Delivered By: (Circle One)		Observed Temp. °C	47 Sample Condition	e Condition CHECKED BY: Intact (Initials)		Turnaround Time:	me:	Rush		Cool Infact Observed Temp. °C	np. °C
Sampler - UPS - Bus - Other:		Corrected Temp. °C	5,2 AYes A	No V	Correc	Correction Factor -0.5°	-0.5°C			No No Corrected Temp. °C	mp.°C
FORM-000	K 3.2 10/0//21				H . L	a allow		Reardinaliahenm com	henm	~~m	

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† Cardinal cannot accept verbal changes. Please email changes to celey keene@cardinallabsnm.com

101 East Marland, Hobbs, NM 88240 ratories

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

ANALYSIS REQUEST

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: ETC TEXAS PIPELINE	LINE	BILL TO		ANALYSIS	IS REQUEST
Project Manager: EDDIE GAYTAN		P.O. #: E-22012-GL-21300136	0136		
Address: 8610 S EUNICE HWY		Company: ETC TEXAS PIPELINE	IPELINE		
City: HOBBS	State: NM Zip: 88240	Attn: DEAN ERICSON			
	Fax #:	Address:			
Project #:	Project Owner: ETC TEXAS PIPELINE	E City:			
Project Name: COTTONDRAW		State: Zip:			
Project Location:		Phone #: (432) 238-2142			
		Fav #:			
Sampler Name: KYLE GARCIA		1			
	MATRIX	PRESERV. SAMPLING	ING		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	CHLORIDE BTEX	ТРН	
11 SP5-SURFACE	×	×	X X	X	
12 SP5-5'	× >		××	×	
PLEASE NOTE: Lability and Damages. Cardinal's liability and analyses. All claims including those for negligence and any of service. In no event shall Cardinal be liable for incidental or co	gw	ract or fort, shall be Irmited to the amount paid b and received by Cardinal within 30 days after o ns, loss of use, or loss of profits incurred by cile	y the client for the ompletion of the applicable nt, its subsidiaries,		
Relinquished By:	Time: 5-5 Received By:	Walder .	Verbal Result:	Verbal Result: Yes No Add'l Phone #: All Results are emailed. Please provide Email address:	ldress:
Relinquished By:	Date: Received By: Time:	(J	REMARKS:	@hAzma+speci	Al Services LOM
(Circle One) - Bus - Other:	138	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #113 Correction Factor -0.5*	Standard X	Standard X Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C Noc Noc Corrected Temp. °C
FURM-000 K 3.2 10/07/21	accept verbal cl	hanges. Please email chang	ges to celey.keen		

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Attachment V

NMOCD Form C-141 Remediation Pages



Haz Mat Special Services

Received by OCD: 2/12/2024	:14:58 PM State of New Mexico			Page 179 of 189
Form C-141			Incident ID	
Page 4	Oil Conservation Division		District RP	
			Facility ID	
			Application ID	
regulations all operators are requ public health or the environment failed to adequately investigate a addition, OCD acceptance of a C and/or regulations. Printed Name: _Dean D. Eric Signature:	tion given above is true and complete to the best ired to report and/or file certain release notific: The acceptance of a C-141 report by the OCI and remediate contamination that pose a threat C-141 report does not relieve the operator of rest reson Title: Sr. Environmental Sp riceson D rtransfer.com Teleph	ations and perform c D does not relieve th to groundwater, surf sponsibility for comp pecialist Date: _06/10/2022_	corrective actions for rele e operator of liability sh ace water, human health bliance with any other fe	eases which may endanger ould their operations have or the environment. In deral, state, or local laws
OCD Only				
Received by:		Date:		

Received by OCD: 2/12/2024 1:14:58 PM State of New Mexico

Oil Conservation Division

<u>Remediation Plan Checklist</u>: Each of the following items must be included in the plan.

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation. Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction. Extents of contamination must be fully delineated. Contamination does not cause an imminent risk to human health, the environment, or groundwater. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Title: Sr. Environmental Specialist Printed Name: Dean D. Ericson Signature: Dean D. Ericson Date: 06/10/2022 Telephone: 432-238-2124 email: dean.ericson@energytransfer.com OCD Only Received by: Date: Approved Approved with Attached Conditions of Approval Denied Deferral Approved Signature: Date:

Page 6

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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 following it	tems must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.1	11 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODC	C 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 certain may endanger public health or the environment. The acceptance of	ations. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in
Printed Name:	Title:
Signature:	Date:
email:	Telephone:
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

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

District III

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

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

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

QUESTIONS

Action 313550

QUESTION	IS
Operator:	OGRID:
ETC Texas Pipeline, Ltd.	371183
8111 Westchester Drive	Action Number:
Dallas, TX 75225	313550
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2207343782
Incident Name	NAPP2207343782 COTTON DRAW PIPELINE @ 0
Incident Type	Natural Gas Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fCH1828942393] ETC COTTON DRAW PIPELINE

Location of Release Source

Please answer all the questions in this group.	
Site Name	COTTON DRAW PIPELINE
Date Release Discovered	03/02/2022
Surface Owner	Federal

Incident Details

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

Nature and Volume of Release

aterial(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.			
Crude Oil Released (bbls) Details	Not answered.		
Produced Water Released (bbls) Details	Not answered.		
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.		
Condensate Released (bbls) Details	Not answered.		
Natural Gas Vented (Mcf) Details	Not answered.		
Natural Gas Flared (Mcf) Details	Not answered.		
Other Released Details	Cause: Corrosion Pipeline (Any) Natural Gas Liquids Released: 22 BBL Recovered: 0 BBL Lost: 22 BBL.		
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.		

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

QUESTIONS, Page 2

Action 313550

QUESTIONS (continued) Operator: OGRID: ETC Texas Pipeline, Ltd. 371183 8111 Westchester Drive Action Number: Dallas, TX 75225 313550 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

	Nature and Volume of Release (continued)		
	Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.	
ſ	Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No	
	Reasons why this would be considered a submission for a notification of a major release	Unavailable.	
l	With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e	gas only) are to be submitted on the C-129 form.	

The responsible party must undertake the following actions immediately unless they could create a s	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of avaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Dean Ericson Title: Sr. Environmental Specialist Email: dean.ericson@energytransfer.com Date: 02/10/2024

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District III

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District IV 1220 S. St Francis Dr., Santa Fe, NM 87505

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

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QUESTIONS, Page 3

Action 313550

QUESTIONS (continued)

Operator:	OGRID:
ETC Texas Pipeline, Ltd.	371183
8111 Westchester Drive	Action Number:
Dallas, TX 75225	313550
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Νο

Remediation Plan

Please answer all the questions	that apply or are indicated. This information must be provided to	o the appropriate district office no later than 90 days after the release discovery date.
	plan approval with this submission	Yes
		on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
	al extents of contamination been fully delineated	Yes
Was this release entirely	contained within a lined containment area	No
Soil Contamination Samplin	g: (Provide the highest observable value for each, in m	illigrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	4500
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	8015
GRO+DRO	(EPA SW-846 Method 8015M)	8015
BTEX	(EPA SW-846 Method 8021B or 8260B)	8021
Benzene	(EPA SW-846 Method 8021B or 8260B)	8021
which includes the anticipated ti	melines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA
On what estimated date v	vill the remediation commence	01/09/2023
On what date will (or did)	the final sampling or liner inspection occur	07/12/2023
On what date will (or was) the remediation complete(d)	07/19/2023
What is the estimated sur	face area (in square feet) that will be reclaimed	2298
What is the estimated volu	ume (in cubic yards) that will be reclaimed	2298
What is the estimated sur	face area (in square feet) that will be remediated	2721
What is the estimated volu	ume (in cubic yards) that will be remediated	2721
These estimated dates and meas	surements are recognized to be the best guess or calculation at th	he time of submission and may (be) change(d) over time as more remediation efforts are completed.
		accordance with the physical realities encountered during remediation. If the responsible party has any need to to determine if another remediation plan submission is required

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

District I

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

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

District III

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

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

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

QUESTIONS, Page 4

Action 313550

QUESTIONS (continued)		
Operator:	OGRID:	
ETC Texas Pipeline, Ltd.	371183	
8111 Westchester Drive	Action Number:	
Dallas, TX 75225	313550	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date. This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: (Select all answers below that apply.) (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) Yes Which OCD approved facility will be used for off-site disposal LEA LAND LANDFILL [fEEM0112342028] OR which OCD approved well (API) will be used for off-site disposal Not answered. OR is the off-site disposal site, to be used, out-of-state No OR is the off-site disposal site, to be used, an NMED facility No (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) No (In Situ) Soil Vapor Extraction No (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) No (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) No (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) No Ground Water Abatement pursuant to 19.15.30 NMAC No OTHER (Non-listed remedial process) No Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Name: Dean Ericson Title: Sr. Environmental Specialist I hereby agree and sign off to the above statement Email: dean.ericson@energytransfer.com Date: 02/12/2024

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

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

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

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QUESTIONS, Page 5

Action 313550

QUESTIONS (continued)	
Operator: ETC Texas Pipeline, Ltd.	OGRID: 371183
8111 Westchester Drive Dallas, TX 75225	Action Number: 313550
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	

Deferral Requests Only

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

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

District III

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

QUESTIONS, Page 6

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Action 313550

QUESTIONS (continued)		
Operator:	OGRID:	
ETC Texas Pipeline, Ltd.	371183	
8111 Westchester Drive	Action Number:	
Dallas, TX 75225	313550	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	313433
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/12/2023
What was the (estimated) number of samples that were to be gathered	59
What was the sampling surface area in square feet	200

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	2721	
What was the total volume (cubic yards) remediated	2721	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	2298	
What was the total volume (in cubic yards) reclaimed	2298	
Summarize any additional remediation activities not included by answers (above)	February 2, 2024, vertical delineation sample SP5-5.5'was collected by use of hand-auger. and submitted to Cardinal laboratory. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the applicable NMOCD Closure Criteria and/ or the NMOCD Reclamation Standard.	
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 (in .pdf format) 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.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Name: Dean Ericson Title: Sr. Environmental Specialist		
	Email: dean.ericson@energytransfer.com Date: 02/12/2024	

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QUESTIONS, Page 7

Action 313550

QUESTIONS (continued)	
Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 313550
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Reclamation Report	

Only answer the questions in this group if all reclamation steps have been completed. Requesting a reclamation approval with this submission

No

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CONDITIONS

Action 313550

CONDITIONS Operator: OGRID: ETC Texas Pipeline, Ltd. 371183 8111 Westchester Drive Action Number: Dallas, TX 75225 313550 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created B		Condition Date
scwells	None	2/14/2024

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