

**BTA Oil Producers CLAY TIPTON** 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

Received:

07/21/2016

Reported:

07/26/2016

Project Name: Project Number: OGDEN GAS LILNE NONE GIVEN

Project Location:

EDDY COUNTY, NM

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: Cool & Intact

Soil

07/21/2016

Jodi Henson

Sample ID: #15 (H601633-15)

BTEX 8021B	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2016	ND	2.13	107	2.00	1.06	
Toluene*	<0.050	0.050	07/23/2016	ND	2.18	109	2.00	0.999	
Ethylbenzene*	< 0.050	0.050	07/23/2016	ND	2.08	104	2.00	1.24	
Total Xylenes*	<0.150	0.150	07/23/2016	ND	6.30	105	6.00	1.02	
Total BTEX	<0.300	0.300	07/23/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 9	% 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	07/22/2016	ND	400	100	400	0.00	QM-07
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2016	ND	174	87.0	200	7.80	
DRO >C10-C28	<10.0	10.0	07/22/2016	ND	177	88.4	200	9.00	
Surrogate: 1-Chlorooctane	85.69	% 35-147							
Surrogate: 1-Chlorooctadecane	89.49	% 28-171							

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\*=Accredited Analyte

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Project Location:

EDDY COUNTY, NM

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 07/21/2016 Soil

Cool & Intact

Jodi Henson

Sample ID: #16 (H601633-16)

BTEX 8021B	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2016	ND	2.13	107	2.00	1.06	
Toluene*	< 0.050	0.050	07/23/2016	ND	2.18	109	2.00	0.999	
Ethylbenzene*	< 0.050	0.050	07/23/2016	ND	2.08	104	2.00	1.24	
Total Xylenes*	<0.150	0.150	07/23/2016	ND	6.30	105	6.00	1.02	
Total BTEX	<0.300	0.300	07/23/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 %	6 73.6-14	0			-			
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	07/22/2016	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2016	ND	174	87.0	200	7.80	
DRO >C10-C28	<10.0	10.0	07/22/2016	ND	177	88.4	200	9.00	
Surrogate: 1-Chlorooctane	86.8 9	6 35-147							
Surrogate: 1-Chlorooctadecane	92.8 %	6 28-171							

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Project Location:

EDDY COUNTY, NM

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: Soil Cool & Intact

Jodi Henson

07/21/2016

Sample ID: #17 (H601633-17)

BTEX 8021B	mg	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2016	ND	2.13	107	2.00	1.06	
Toluene*	<0.050	0.050	07/23/2016	ND	2.18	109	2.00	0.999	
Ethylbenzene*	< 0.050	0.050	07/23/2016	ND	2.08	104	2.00	1.24	
Total Xylenes*	< 0.150	0.150	07/23/2016	ND	6.30	105	6.00	1.02	
Total BTEX	<0.300	0.300	07/23/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 9	6 73.6-14	0			-			
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	07/22/2016	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2016	ND	174	87.0	200	7.80	•
DRO >C10-C28	<10.0	10.0	07/22/2016	ND	177	88.4	200	9.00	
Surrogate: 1-Chlorooctane	88.5 9	6 35-147							
Surrogate: 1-Chlorooctadecane	88.99	6 28-171							

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Reported:

07/26/2016

Project Name: Project Number:

OGDEN GAS LILNE NONE GIVEN

Project Location:

EDDY COUNTY, NM

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 07/21/2016

Soil

Cool & Intact

Jodi Henson

Sample ID: #18 (H601633-18)

BTEX 8021B	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2016	ND	2.13	107	2.00	1.06	
Toluene*	<0.050	0.050	07/23/2016	ND	2.18	109	2.00	0.999	
Ethylbenzene*	< 0.050	0.050	07/23/2016	ND	2.08	104	2.00	1.24	
Total Xylenes*	< 0.150	0.150	07/23/2016	ND	6.30	105	6.00	1.02	
Total BTEX	<0.300	0.300	07/23/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 %	6 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	16.0	07/22/2016	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2016	ND	174	87.0	200	7.80	
DRO >C10-C28	<10.0	10.0	07/22/2016	ND	177	88.4	200	9.00	
Surrogate: 1-Chlorooctane	86.5 %	6 35-147							
Surrogate: 1-Chlorooctadecane	93.1 9	6 28-171							

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07/26/2016

Project Name: Project Number: OGDEN GAS LILNE

Project Location:

NONE GIVEN EDDY COUNTY, NM Sampling Date:

ate: 07/21/2016

Sampling Type:

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Soil

Sample ID: #19 (H601633-19)

BTEX 8021B	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2016	ND	2.13	107	2.00	1.06	
Toluene*	<0.050	0.050	07/23/2016	ND	2.18	109	2.00	0.999	
Ethylbenzene*	< 0.050	0.050	07/23/2016	ND	2.08	104	2.00	1.24	
Total Xylenes*	<0.150	0.150	07/23/2016	ND	6.30	105	6.00	1.02	
Total BTEX	<0.300	0.300	07/23/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105 %	6 73.6-14	0	11					
Chloride, SM4500CI-B	mg/	kg	Analyze	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	07/22/2016	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2016	ND	174	87.0	200	7.80	
DRO >C10-C28	<10.0	10.0	07/22/2016	ND	177	88.4	200	9.00	
Surrogate: 1-Chlorooctane	79.2 %	6 35-147	_						
Surrogate: 1-Chlorooctadecane	86.5 %	6 28-171							

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Project Name: Project Number: OGDEN GAS LILNE NONE GIVEN

Project Location:

EDDY COUNTY, NM

Sampling Date:

07/21/2016

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

## Sample ID: #20 (H601633-20)

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	07/23/2016	ND	2.13	107	2.00	1.06	
Toluene*	< 0.050	0.050	07/23/2016	ND	2.18	109	2.00	0.999	
Ethylbenzene*	< 0.050	0.050	07/23/2016	ND	2.08	104	2.00	1.24	
Total Xylenes*	<0.150	0.150	07/23/2016	ND	6.30	105	6.00	1.02	
Total BTEX	<0.300	0.300	07/23/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 9	6 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	07/22/2016	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2016	ND	174	87.0	200	7.80	
DRO >C10-C28	26.9	10.0	07/22/2016	ND	177	88.4	200	9.00	
Surrogate: 1-Chlorooctane	88.5 9	% 35-147						_	
Surrogate: 1-Chlorooctadecane	92.4 9	6 28-171							

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Project Name: Project Number: OGDEN GAS LILNE

Project Location:

NONE GIVEN EDDY COUNTY, NM Sampling Date:

Sampling Type: Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

07/21/2016

Sample ID: #21 (H601633-21)

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	07/25/2016	ND	2.13	107	2.00	1.06	
Toluene*	0.068	0.050	07/25/2016	ND	2.18	109	2.00	0.999	
Ethylbenzene*	1.26	0.050	07/25/2016	ND	2.08	104	2.00	1.24	
Total Xylenes*	8.23	0.150	07/25/2016	ND	6.30	105	6.00	1.02	
Total BTEX	9.55	0.300	07/25/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	114 9	73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	07/22/2016	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	223	10.0	07/22/2016	ND	174	87.0	200	7.80	
DRO >C10-C28	736	10.0	07/22/2016	ND	177	88.4	200	9.00	
Surrogate: 1-Chlorooctane	116 %	6 35-147	,						
Surrogate: 1-Chlorooctadecane	102 9	6 28-171							

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07/26/2016

Project Name: Project Number: OGDEN GAS LILNE

Project Location:

NONE GIVEN EDDY COUNTY, NM Sampling Date:

bamping bate.

07/21/2016

Sampling Type:

Soil

Sampling Condition: Sample Received By:

Cool & Intact

Jodi Henson

Sample ID: #22 (H601633-22)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2016	ND	2.18	109	2.00	2.56	
Toluene*	<0.050	0.050	07/25/2016	ND	2.23	111	2.00	2.27	
Ethylbenzene*	0.050	0.050	07/25/2016	ND	2.14	107	2.00	2.04	
Total Xylenes*	<0.150	0.150	07/25/2016	ND	6.44	107	6.00	1.96	
Total BTEX	<0.300	0.300	07/25/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 9	73.6-14	0				-		
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/22/2016	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/22/2016	ND	174	87.0	200	7.80	
DRO >C10-C28	<10.0	10.0	07/22/2016	ND	177	88.4	200	9.00	
Surrogate: 1-Chlorooctane	92.1 9	% 35-147							
Surrogate: 1-Chlorooctadecane	99.3	% 28-171							

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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.

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celeg D. Keine



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

(575) 393-2326 FAX (575) 393-2476		
Company Name: 6TA	BILL TO	ANALYSIS REGOEST
Project Manager:	P.O. #:	
	Company:	
City: State: Zip:	Attn:	
Phone #: Fax #:	Address:	
Project #: Project Owner:		
Project Name: Daden Gas Line	State: Zip:	
	Phone #:	
d	Fax #:	
	MATRIX PRESERV. SAMPLING	6
Sample I.D.  OR (C)OMP AINERS DWATER	E : ASE: DOL	PH TEX
(G)RAB C	WASTEW SOIL OIL SLUDGE OTHER: ACID/BA ICE / CO OTHER:	TP
144 14-1	ocial orlith.	
+		
1e (		
10 # 01	contract or toot shall be imited to the arrount paid	by the clean for the
PLEASE NOTE: Liability and Damoges. Cardena's liability and client's exclusive temody for any dame based income in the commence of the applicable analyses. At clients including those for negligence and any other cause without several excess relative states make an winting and reconsidered by Cardena within 30 days after completion of the applicable analyses. At clients including those for negligence and any other cause without several dames and any extremely applicable to the comment of the applicable analyses. At clients should circulate the label for including the cause within a several temperature and the properties of the plants and the properties of the plants and the plants and the plants and the plants are completed and the plants are completed analysis of the plants and the plants are completed and the plants are completed analysis of the plants and the plants are completed analysis of the plants are completed and the plants are completed and the plants are completed and the plants are completed analysis of the plants are completed and	), Amenine Josseu an occused in the second by Cardinal which 30 days after completion of the Luniess made in writing and received by Cardinal which 30 days after completion of the on, business interruptions, loss of use, or loss of profits incurred by client, its subsidian on, business interruptions, that and upon any of the above statistic reasons or otherwise	
Relinquistord By:  Date 7 10 Regelved By:	ed By:	Phone Result:
Reliminate By: Date: Received By:	Januar	parimes a btail com
Time:		exister a brasilicom
Delivered By: (Circle One)	Sample Condition CHECKED BY: Cool Intact (Infliats)	

Sampler - UPS - Bus - Other:



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Project Manager:	OF	P.O. #:	
		Company:	
A de coo.	State:	Zip: Attn:	
Dhone #	Fax #:	Address:	
Project #	Project Owner:	er: City:	
Project Name:		State: Zip:	
Project Location:		Phone #:	
Sampler Name:		1	
EOR LAB USE ONLY	<u>Мардабар и Мартандова на принавания принавания на принавания на принавания на принавания на принавания на прин</u>	MATRIX PRESERV SAMPLING	
Lab I.D.	Sample I.D.	IL LUDGE THER: CID/BASE: DE / COOL OTHER:	CL TPH BTEX
HI601633	#	GR WA SO OIL SL OT AC	
ゴル	4170		
n E	# # 		
16.	76.		
8-	# -		
3-6	##	<del>-</del>	t - L - L - L - L - L - L - L - L - L -

20 Gool Intact

Sample Condition

CHECKED BY:

Phone Result: Fax Result: REMARKS:

☐ Yes☐ Yes

O O

Add'I Phone #: Add'I Fax #:

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

Relinguish

Relinquished By:

Time:



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(575) 393-2326 FAX (5/5) 393-24/0	of exercises allocations are also accorded in technological properties and such as a factor of the absolute was	ANALYSIS REQUEST
Company Name: 514	15TH	The second secon	
Project Manager:	;	P.O. #:	
Address:		Company:	
City:	State:	Zip: Attn:	
Phone #:	Fax #:	Address:	
Project #:	Project Owner:	c: City:	
Project Name:		State: Zip:	
Project I ocation:		Phone #:	
Sampler Name:		1	
Sampler Mairie.		I I MATRIX PRESERV SAMPLING	LING
Lab I.D.	Sample I.D.	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME CULTIPHED BITEL
32 #21	#21		10
PLEASE NOTE: Labelity and Damages. Cardin analyses. All claims including those for negliger analyses. All claims including those for negliger to overest start Continual be lable for	and Damages Cardinal's liability and client's exclusive remedy ling those for negligence and any other cause whatisoever shall continul be liable for yicutental or consequential damages, inch	PLEASE NOTE: Labelity and Danages. Cardinal's labelity and client's exclusive remedy for any cleam arising whether based in contract or tort, shall be limited to the amount paid by the client for the applicable analyses. All cliams including those for negligence and any other cause whatboewer shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All cliams including those for negligence and any other cause whatboewer shall be deemed waived in white a writing and received by Cardinal within 30 days after completion of the applicable.  The contract what Cardinal be labelle for Archerial or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits accurate by client, its subscriptions.	paid by the client for the applicable by client such as the completion of the applicable by client, its subsidiaries. By client, its subsidiaries.
Relinquished By:		Regulated By:  Regulated By:  Remarks	Phone Result:

Sample Condition
Cool Intact
Pes Pres

CHECKED BY:

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

Time:



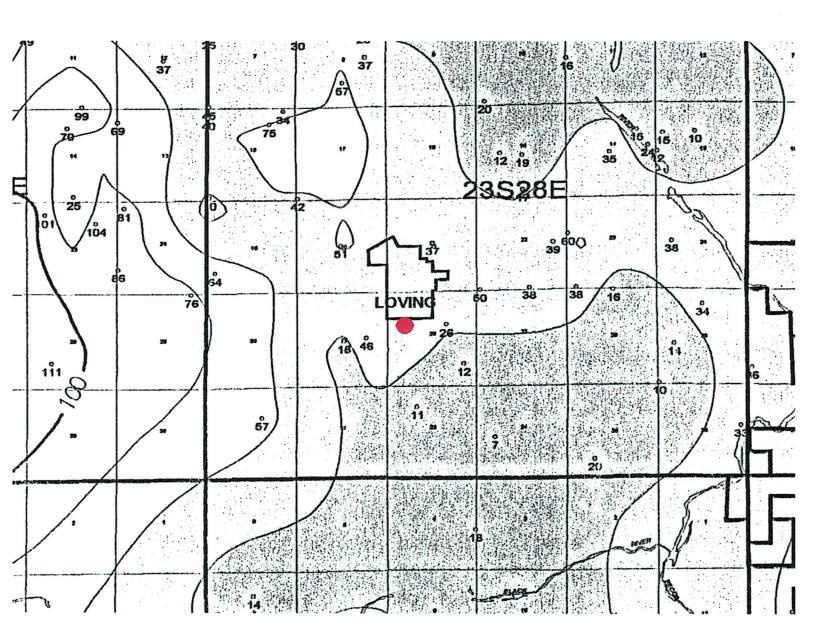


Exhibit D



Exhibit E



October 14, 2016

TODD ROBERSON
TRINITY OILFIELD SERVICES & RENTALS, LLC
P. O. BOX 2587
HOBBS, NM 88241

RE: BTA OGDEN PIPELINE

Enclosed are the results of analyses for samples received by the laboratory on 10/13/16 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey & Keens

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



TRINITY OILFIELD SERVICES & RENTALS, LLC
TODD ROBERSON
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received:

10/13/2016

Reported:

10/14/2016

BTA C

Project Name: Project Number: BTA OGDEN PIPELINE

NONE GIVEN

Project Location:

LOVING, NM

Sampling Date:

Sampling Type:

Sample Received By:

10/13/2016 Soil

Sampling Type: Sampling Condition:

Cool & Intact

Jodi Henson

Sample ID: SP 1 0' (H602312-01)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	10/13/2016	ND	2.35	118	2.00	0.427	
Toluene*	<0.050	0.050	10/13/2016	ND	2.44	122	2.00	0.401	
Ethylbenzene*	<0.050	0.050	10/13/2016	ND	2.37	118	2.00	0.470	
Total Xylenes*	<0.150	0.150	10/13/2016	ND	7.18	120	6.00	0.363	
Total BTEX	<0.300	0.300	10/13/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.6 9	% 73.6-14	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	8260	16.0	10/14/2016	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: CK					*
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/14/2016	ND	179	89.3	200	0.820	
DRO >C10-C28	<10.0	10.0	10/14/2016	ND	189	94.3	200	0.995	
Surrogate: 1-Chlorooctane	81.0 9	% 35-147							
Surrogate: 1-Chlorooctadecane	85.79	6 28-171							

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\*=Accredited Analyte

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TRINITY OILFIELD SERVICES & RENTALS, LLC TODD ROBERSON P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received:

10/13/2016

Reported:

Sampling Date:

10/13/2016

10/14/2016

Sampling Type:

Soil

Project Name: Project Number: BTA OGDEN PIPELINE

Sampling Condition: Sample Received By: Cool & Intact Jodi Henson

Project Location:

NONE GIVEN LOVING, NM

Sample ID: SP 1 1' (H602312-02)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2016	ND	2.35	118	2.00	0.427	
Toluene*	<0.050	0.050	10/13/2016	ND	2.44	122	2.00	0.401	
Ethylbenzene*	<0.050	0.050	10/13/2016	ND	2.37	118	2.00	0.470	
Total Xylenes*	< 0.150	0.150	10/13/2016	ND	7.18	120	6.00	0.363	
Total BTEX	<0.300	0.300	10/13/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	100	% 73.6-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	10/14/2016	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/14/2016	ND	179	89.3	200	0.820	
DRO >C10-C28	<10.0	10.0	10/14/2016	ND	189	94.3	200	0.995	
Surrogate: 1-Chlorooctane	97.3	% 35-147							
Surrogate: 1-Chlorooctadecane	110 9	6 28-171							

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Received:

10/13/2016

Sampling Date:

10/13/2016

Reported:

10/14/2016

Sampling Type:

Soil

Project Name:

BTA OGDEN PIPELINE

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOVING, NM

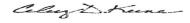
## Sample ID: SP 2 0' (H602312-03)

BTEX 8021B	mg/kg		Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	10/14/2016	ND	2.35	118	2.00	0.427	
Toluene*	< 0.050	0.050	10/14/2016	ND	2.44	122	2.00	0.401	
Ethylbenzene*	< 0.050	0.050	10/14/2016	ND	2.37	118	2.00	0.470	
Total Xylenes*	< 0.150	0.150	10/14/2016	ND	7.18	120	6.00	0.363	
Total BTEX	<0.300	0.300	10/14/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.8	% 73.6-14	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	4800	16.0	10/14/2016	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/14/2016	ND	179	89.3	200	0.820	
DRO >C10-C28	<10.0	10.0	10/14/2016	ND	189	94.3	200	0.995	
Surrogate: 1-Chlorooctane	99.1 9	% 35-147							
Surrogate: 1-Chlorooctadecane	108 9	6 28-171							

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\*=Accredited Analyte

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Received: Reported: 10/13/2016

10/14/2016

BTA OGDEN PIPELINE

Project Number: Project Location:

Project Name:

NONE GIVEN LOVING, NM

106 %

28-171

Sampling Date:

Sampling Type:

10/13/2016 Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP 2 1' (H602312-04)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2016	ND	2.35	118	2.00	0.427	
Toluene*	<0.050	0.050	10/14/2016	ND	2.44	122	2.00	0.401	
Ethylbenzene*	<0.050	0.050	10/14/2016	ND	2.37	118	2.00	0.470	
Total Xylenes*	<0.150	0.150	10/14/2016	ND	7.18	120	6.00	0.363	
Total BTEX	<0.300	0.300	10/14/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.2	% 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	10/14/2016	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/14/2016	ND	179	89.3	200	0.820	
DRO >C10-C28	<10.0	10.0	10/14/2016	ND	189	94.3	200	0.995	
Surrogate: 1-Chlorooctane	104 %	6 35-147							

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Surrogate: 1-Chlorooctadecane

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Received:

10/13/2016

Sampling Date:

10/13/2016

Reported:

10/14/2016

Sampling Type:

Soil

Project Name:

BTA OGDEN PIPELINE

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOVING, NM

Sample ID: SP 3 0' (H602312-05)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2016	ND	2.35	118	2.00	0.427	
Toluene*	<0.050	0.050	10/14/2016	ND	2.44	122	2.00	0.401	
Ethylbenzene*	<0.050	0.050	10/14/2016	ND	2.37	118	2.00	0.470	
Total Xylenes*	<0.150	0.150	10/14/2016	ND	7.18	120	6.00	0.363	
Total BTEX	<0.300	0.300	10/14/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.8	% 73.6-14	0	-				1 1144	
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/14/2016	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/14/2016	ND	179	89.3	200	0.820	
DRO >C10-C28	<10.0	10.0	10/14/2016	ND	189	94.3	200	0.995	
Surrogate: 1-Chlorooctane	89.5	% 35-147							
Surrogate: 1-Chlorooctadecane	89.6	% 28-171							

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TRINITY OILFIELD SERVICES & RENTALS, LLC
TODD ROBERSON
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received:

10/13/2016

Sampling Date:

10/13/2016

Reported:

10/14/2016

Sampling Type:

Soil

Project Name:

BTA OGDEN PIPELINE

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOVING, NM

Sample ID: SP 4 0' (H602312-06)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	10/14/2016	ND	2.35	118	2.00	0.427	
Toluene*	< 0.050	0.050	10/14/2016	ND	2.44	122	2.00	0.401	
Ethylbenzene*	< 0.050	0.050	10/14/2016	ND	2.37	118	2.00	0.470	
Total Xylenes*	< 0.150	0.150	10/14/2016	ND	7.18	120	6.00	0.363	
Total BTEX	<0.300	0.300	10/14/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.69	6 73.6-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	10/14/2016	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/14/2016	ND	179	89.3	200	0.820	
DRO >C10-C28	<10.0	10.0	10/14/2016	ND	189	94.3	200	0.995	
Surrogate: 1-Chlorooctane	79.6 9	6 35-147							
Surrogate: 1-Chlorooctadecane	82.8 9	6 28-171							

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TRINITY OILFIELD SERVICES & RENTALS, LLC
TODD ROBERSON
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received:

10/13/2016

Reported:

10/14/2016

Project Name:

BTA OGDEN PIPELINE

Project Number: Project Location: NONE GIVEN LOVING, NM

Sampling Date:

10/13/2016

Sampling Type:

Sampling Condition:

Soil Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP 4 2' (H602312-07)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2016	ND	2.35	118	2.00	0.427	
Toluene*	<0.050	0.050	10/14/2016	ND	2.44	122	2.00	0.401	
Ethylbenzene*	<0.050	0.050	10/14/2016	ND	2.37	118	2.00	0.470	
Total Xylenes*	<0.150	0.150	10/14/2016	ND	7.18	120	6.00	0.363	
Total BTEX	<0.300	0.300	10/14/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.9	% 73.6-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	10/14/2016	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/14/2016	ND	179	89.3	200	0.820	
DRO >C10-C28	<10.0	10.0	10/14/2016	ND	189	94.3	200	0.995	
Surrogate: 1-Chlorooctane	97.1 9	% 35-147			•				
Surrogate: 1-Chlorooctadecane	97.8 9	% 28-171							

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TODD ROBERSON
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received:

10/13/2016

Reported:

10/14/2016

Project Name:

BTA OGDEN PIPELINE

Project Number:

NONE GIVEN

Project Location:

LOVING, NM

Sampling Date:

Sampling Type:

10/13/2016 Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP 4 4' (H602312-08)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2016	ND	2.35	118	2.00	0.427	
Toluene*	<0.050	0.050	10/14/2016	ND	2.44	122	2.00	0.401	
Ethylbenzene*	<0.050	0.050	10/14/2016	ND	2.37	118	2.00	0.470	
Total Xylenes*	<0.150	0.150	10/14/2016	ND	7.18	120	6.00	0.363	
Total BTEX	<0.300	0.300	10/14/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.69	% 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	10/14/2016	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/14/2016	ND	179	89.3	200	0.820	-
DRO >C10-C28	<10.0	10.0	10/14/2016	ND	189	94.3	200	0.995	
Surrogate: 1-Chlorooctane	98.1 %	6 35-147							
Surrogate: 1-Chlorooctadecane	107%	6 28-171							

## Cardinal Laboratories

\*=Accredited Analyte

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