<u>Yu, Olivia, EMNRD</u>
"Ericson, Dean"
<u>"Bockisch, Bernie"</u>
RE: RP#4481
Wednesday, May 31, 2017 11:56:00 AM
1RP4481 approvedWP.pdf

Dear Mr. Ericson:

NMOCD approves the delineation workplan and proposed remediation activities for 1RP-4481 with these conditions:

- 1. Provide documentation of depth to groundwater search and distance to surface waterbodies/sources.
- 2. Include all field data and documentation of laboratory analyses.

Please confirm and see the attachment for your records.

Thanks, Olivia

From: Ericson, Dean [mailto:Dean.Ericson@energyTransfer.com]
Sent: Wednesday, May 17, 2017 6:55 AM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Subject: RP#4481

Olivia,

Attached is the Trunk M report and the following recommendations:

- Excavating the area indicated on Figure 2 to a depth of four ft bgs. A 20 mil polyethylene liner should be placed at this depth.
- Following placement of the liner, the excavation should be backfilled with clean fill material and wheel compacting to grade. The excavated material will be sampled and if below the site RRALs, will be used as backfill.
- Fertilizing and reseeding of the disturbed area with an appropriate seed.

Any questions please call,

Thanks, Dean D. Ericson Sr. Environmental Specialist Energy Transfer Company 817-302-9758 – Office 432-238-2142 - Cell Private and confidential as detailed here. If you cannot access hyperlink, please e-mail sender.





National Water Information System: Web Interface

USGS Water Resources

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Agency code = usgs

site_no list = • 321952103120701

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321952103120701 23S.37E.06.14423

Lea County, New Mexico

Latitude 32°20'06", Longitude 103°12'10" NAD27 Land-surface elevation 3,377.40 feet above NGVD29 The depth of the well is 112 feet below land surface. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer. **Output formats**

Table of data

Tab-separated data

<u>Graph of data</u>

Reselect period

Date	Time	? Water- level date- time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water- level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurem
1953-12-03		D	102.91	Sanda V	The second	2		U		
1965-10-21		. D	105.64			2	1	p U		
1968- 0 3- 0 5		D	102.58			2		U		
1971-01-12		D	102.38			2		U		
1976-01-15		D	102.02			2		U		
1981-03-24		D	102.42			2		U		
1986-03-19		D	102.18			2		U		
1991-05-16		D	103.95			2		U		
1996-02-22		D	105.24			2		s		

C		Explanation
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Status	Р	Site was being pumped.
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown
Measuring agency		Not determined

	Section			Code	Description	
Ì	Source of measu	Jrement	1911 - Yoshing Control of States of	Ù	Source is uni	nown.
	Water-level app	roval status		A	Approved for	publication Processing and review completed.
F	uestions abo eedback on tl	nis web site	<u>1?</u>			
	utomated ret	<u>rievals</u>				
_	<u>elp</u> ata Ting					
	<u>ata Tips</u> xplanation of	terms				
	ubscribe for s		aes			
	ews	, esent entern	3.55			
A	ccessibility	Plug-Ins	FOIA Priv	acy P	olicies and Notices	
т	itle: Groundwa	iter for USA:	<u>U.S. Geological</u> Water Levels a.usgs.gov/nwis		5?	USA.gov

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2017-03-06 17:52:51 EST 0.44 0.4 nadww02



April 13, 2017

BERNARD BUCKISCH GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE, NM 87110

RE: TRUNK M

Enclosed are the results of analyses for samples received by the laboratory on 03/30/17 16:45.

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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. Kune

Celey D. Keene Lab Director/Quality Manager



Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
ALBUQUERQUE NM, 87110	Ρ	roject Manager: Fax To:	BERNARD BUCKISCH	
GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE S	TE. 200	Project: Project Number:	TRUNK M 1113520-3	Reported: 13-Apr-17 16:13

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	
S-1113520-3-033017-TP-2-8'	H700848-01	Soil	30-Mar-17 10:55	30-Mar-17 16:45	
S-1113520-3-033017-TP-2-19'	H700848-02	Soil	30-Mar-17 12:50	30-Mar-17 16:45	
S-1113520-3-033017-TP-4-10'	H700848-03	Soil	30-Mar-17 13:10	30-Mar-17 16:45	
S-1113520-3-033017-TP-5-14'	H700848-04	Soil	30-Mar-17 15:05	30-Mar-17 16:45	
S-1113520-3-033017-TP-1-10'	H700848-05	Soil	30-Mar-17 13:50	30-Mar-17 16:45	
S-1113520-3-033017-TP-6-19'	H700848-06	Soil	30-Mar-17 15:35	30-Mar-17 16:45	

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GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE ST ALBUQUERQUE NM, 87110	E. 200		Project Nun Project Mana			KISCH		1	Reported: 3-Apr-17 16:	13		
			S-1113520- H700	3-03301 848-01 (
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
Green Analytical Laboratories												
Soluble (DI Water Extraction)												
Chloride	20.5		11.3	mg/kg dr	ry 10	B704078	JDA	12-Apr-17	EPA300.0			

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GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, N ALBUQUERQUE NM, 87110	E STE. 200		Project: TRUNK M Project Number: 1113520-3 Project Manager: BERNARD BUCKISCH Fax To:						Reported: 13-Apr-17 16:13			
S-1113520-3-033017-TP-2-19' H700848-02 (Soil)												
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
			Cardina	al Laborat	ories							
Volatile Organic Compounds by	EPA Method	8021										
Benzene*	< 0.050		0.050	mg/kg	50	7040302	MS	04-Apr-17	8021B			
Toluene*	< 0.050		0.050	mg/kg	50	7040302	MS	04-Apr-17	8021B			
Ethylbenzene*	< 0.050		0.050	mg/kg	50	7040302	MS	04-Apr-17	8021B			
Total Xylenes*	< 0.150		0.150	mg/kg	50	7040302	MS	04-Apr-17	8021B			
Total BTEX	< 0.300		0.300	mg/kg	50	7040302	MS	04-Apr-17	8021B			
Surrogate: 4-Bromofluorobenzene (PID)			98.4 %	72-	148	7040302	MS	04-Apr-17	8021B			
Petroleum Hydrocarbons by GC	C FID											
GRO C6-C10	<10.0		10.0	mg/kg	1	7033106	MS	01-Apr-17	8015B			
DRO >C10-C28	<10.0		10.0	mg/kg	1	7033106	MS	01-Apr-17	8015B			
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7033106	MS	01-Apr-17	8015B			
Surrogate: 1-Chlorooctane			81.7 %	25.1	158	7033106	MS	01-Apr-17	8015B			
Surrogate: 1-Chlorooctadecane			85.3 %	26.8	170	7033106	MS	01-Apr-17	8015B			
			Green Anal	ytical Lab	oratories							
Soluble (DI Water Extraction)												
Chloride	200		10.9	mg/kg dry	10	B704078	JDA	13-Apr-17	EPA300.0			

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GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, N ALBUQUERQUE NM, 87110		Project: TRUNK M Project Number: 1113520-3 Project Manager: BERNARD BUCKISCH Fax To:						Reported: 13-Apr-17 16:13				
S-1113520-3-033017-TP-4-10' H700848-03 (Soil)												
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
			Cardina	al Laborat	ories							
Volatile Organic Compounds by	EPA Method	8021										
Benzene*	< 0.050		0.050	mg/kg	50	7040302	MS	04-Apr-17	8021B			
Toluene*	< 0.050		0.050	mg/kg	50	7040302	MS	04-Apr-17	8021B			
Ethylbenzene*	< 0.050		0.050	mg/kg	50	7040302	MS	04-Apr-17	8021B			
Total Xylenes*	< 0.150		0.150	mg/kg	50	7040302	MS	04-Apr-17	8021B			
Total BTEX	< 0.300		0.300	mg/kg	50	7040302	MS	04-Apr-17	8021B			
Surrogate: 4-Bromofluorobenzene (PID)			97.4 %	72-	148	7040302	MS	04-Apr-17	8021B			
Petroleum Hydrocarbons by GC	C FID											
GRO C6-C10	<10.0		10.0	mg/kg	1	7033109	MS	31-Mar-17	8015B			
DRO >C10-C28	<10.0		10.0	mg/kg	1	7033109	MS	31-Mar-17	8015B			
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7033109	MS	31-Mar-17	8015B			
Surrogate: 1-Chlorooctane			102 %	25.1	158	7033109	MS	31-Mar-17	8015B			
Surrogate: 1-Chlorooctadecane			112 %	26.8	170	7033109	MS	31-Mar-17	8015B			
			Green Anal	ytical Lab	oratories							
Soluble (DI Water Extraction)												
Chloride	<10.9		10.9	mg/kg dry	10	B704078	JDA	13-Apr-17	EPA300.0			

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GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE ALBUQUERQUE NM, 87110	STE. 200	Project: TRUNK M Project Number: 1113520-3 Project Manager: BERNARD BUCKISCH Fax To:						Reported: 13-Apr-17 16:13			
			S-1113520-3 H700	8-033017- 848-04 (So							
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	ıl Laborat	ories						
Volatile Organic Compounds by	EPA Method	8021									
Benzene*	< 0.050		0.050	mg/kg	50	7040302	MS	04-Apr-17	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	7040302	MS	04-Apr-17	8021B		
Ethylbenzene*	< 0.050		0.050	mg/kg	50	7040302	MS	04-Apr-17	8021B		
Total Xylenes*	< 0.150		0.150	mg/kg	50	7040302	MS	04-Apr-17	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	7040302	MS	04-Apr-17	8021B		
Surrogate: 4-Bromofluorobenzene (PID)			96.8 %	72-	148	7040302	MS	04-Apr-17	8021B		
Petroleum Hydrocarbons by GC	FID										
GRO C6-C10	<10.0		10.0	mg/kg	1	7033109	MS	31-Mar-17	8015B		
DRO >C10-C28	<10.0		10.0	mg/kg	1	7033109	MS	31-Mar-17	8015B		
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7033109	MS	31-Mar-17	8015B		
Surrogate: 1-Chlorooctane			101 %	25.1	158	7033109	MS	31-Mar-17	8015B		
Surrogate: 1-Chlorooctadecane			105 %	26.8	170	7033109	MS	31-Mar-17	8015B		
			Green Analy	ytical Lab	oratories						
Soluble (DI Water Extraction)											
Chloride	68.4		11.2	mg/kg dry	10	B704078	JDA	13-Apr-17	EPA300.0		

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GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE ALBUQUERQUE NM, 87110	E STE. 200	Project: TRUNK M Project Number: 1113520-3 Project Manager: BERNARD BUCKISCH Fax To:						Reported: 13-Apr-17 16:13			
			S-1113520-3 H7008	8-033017- 848-05 (So	•						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	ıl Laborat	ories						
Volatile Organic Compounds by	EPA Method	8021									
Benzene*	< 0.050		0.050	mg/kg	50	7040302	MS	04-Apr-17	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	7040302	MS	04-Apr-17	8021B		
Ethylbenzene*	< 0.050		0.050	mg/kg	50	7040302	MS	04-Apr-17	8021B		
Total Xylenes*	< 0.150		0.150	mg/kg	50	7040302	MS	04-Apr-17	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	7040302	MS	04-Apr-17	8021B		
Surrogate: 4-Bromofluorobenzene (PID)			96.4 %	72-	148	7040302	MS	04-Apr-17	8021B		
Petroleum Hydrocarbons by GC	FID										
GRO C6-C10	<10.0		10.0	mg/kg	1	7033109	MS	31-Mar-17	8015B		
DRO >C10-C28	<10.0		10.0	mg/kg	1	7033109	MS	31-Mar-17	8015B		
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7033109	MS	31-Mar-17	8015B		
Surrogate: 1-Chlorooctane			87.2 %	25.1	158	7033109	MS	31-Mar-17	8015B		
Surrogate: 1-Chlorooctadecane			91.5 %	26.8	170	7033109	MS	31-Mar-17	8015B		
			Green Analy	ytical Lab	oratories						
Soluble (DI Water Extraction)											
Chloride	23.3		10.9	mg/kg dry	10	B704078	JDA	13-Apr-17	EPA300.0		

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GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE ALBUQUERQUE NM, 87110	STE. 200	Project: TRUNK M Project Number: 1113520-3 1 Project Manager: BERNARD BUCKISCH Fax To:					Reported: 13-Apr-17 16:	13		
			S-1113520-3 H700	3-033017- 848-06 (So						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	7040302	MS	04-Apr-17	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	7040302	MS	04-Apr-17	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	7040302	MS	04-Apr-17	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	7040302	MS	04-Apr-17	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	7040302	MS	04-Apr-17	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			97.1 %	72-	148	7040302	MS	04-Apr-17	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10	<10.0		10.0	mg/kg	1	7033109	MS	31-Mar-17	8015B	
DRO >C10-C28	<10.0		10.0	mg/kg	1	7033109	MS	31-Mar-17	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	7033109	MS	31-Mar-17	8015B	
Surrogate: 1-Chlorooctane			102 %	25.1	-158	7033109	MS	31-Mar-17	8015B	
Surrogate: 1-Chlorooctadecane			107 %	26.8	-170	7033109	MS	31-Mar-17	8015B	
			Green Analy	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	19.1		11.2	mg/kg dry	10	B704078	JDA	13-Apr-17	EPA300.0	

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GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110	Project Number:	TRUNK M 1113520-3 BERNARD BUCKISCH	Reported: 13-Apr-17 16:13
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 7040302 - Volatiles										
Blank (7040302-BLK1)				Prepared &	Analyzed:	03-Apr-17	,			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		98.7	72-148			
LCS (7040302-BS1)				Prepared &	Analyzed:	03-Apr-17	,			
Benzene	1.89	0.050	mg/kg	2.00		94.5	79.5-124			
Toluene	1.80	0.050	mg/kg	2.00		90.1	75.5-127			
Ethylbenzene	1.82	0.050	mg/kg	2.00		91.0	77.7-125			
Total Xylenes	5.16	0.150	mg/kg	6.00		86.1	70.9-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0484		mg/kg	0.0500		96.8	72-148			
LCS Dup (7040302-BSD1)				Prepared &	Analyzed:	03-Apr-17	,			
Benzene	1.89	0.050	mg/kg	2.00		94.4	79.5-124	0.154	6.5	
Toluene	1.80	0.050	mg/kg	2.00		90.0	75.5-127	0.131	7.02	
Ethylbenzene	1.82	0.050	mg/kg	2.00		90.9	77.7-125	0.0702	7.83	
Total Xylenes	5.16	0.150	mg/kg	6.00		86.0	70.9-124	0.0541	7.78	
Surrogate: 4-Bromofluorobenzene (PID)	0.0492		mg/kg	0.0500		<i>98.3</i>	72-148			

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GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110	Project Number: Project Manager:	TRUNK M 1113520-3 BERNARD BUCKISCH	Reported: 13-Apr-17 16:13
	Fax To:		

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7033106 - General Prep - Organics										
				Prepared 8	Analyzed:	31-Mar-17	7			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C35	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	46.1		mg/kg	50.0		92.1	25.1-158			
Surrogate: 1-Chlorooctadecane	52.7		mg/kg	50.0		105	26.8-170			
LCS (7033106-BS1)				Prepared &	analyzed:	31-Mar-17	7			
GRO C6-C10	187	10.0	mg/kg	200		93.6	78.6-112			
DRO >C10-C28	194	10.0	mg/kg	200		97.1	76.7-124			
Total TPH C6-C28	381	10.0	mg/kg	400		95.3	78.5-117			
Surrogate: 1-Chlorooctane	52.6		mg/kg	50.0		105	25.1-158			
Surrogate: 1-Chlorooctadecane	53.9		mg/kg	50.0		108	26.8-170			
LCS Dup (7033106-BSD1)				Prepared &	Analyzed:	31-Mar-17	7			
GRO C6-C10	195	10.0	mg/kg	200		97.4	78.6-112	4.04	13	
DRO >C10-C28	201	10.0	mg/kg	200		101	76.7-124	3.65	15.5	
Total TPH C6-C28	396	10.0	mg/kg	400		99.0	78.5-117	3.84	13.6	
Surrogate: 1-Chlorooctane	55.1		mg/kg	50.0		110	25.1-158			
Surrogate: 1-Chlorooctadecane	55.2		mg/kg	50.0		110	26.8-170			
Batch 7033109 - General Prep - Organics										
Blank (7033109-BLK1)				Prepared 8	analyzed:	31-Mar-17	7			

Blank (7033109-BLK1)				Prepared & Analyz	zed: 31-Mar-17			
GRO C6-C10	ND	10.0	mg/kg					
DRO >C10-C28	ND	10.0	mg/kg					
EXT DRO >C28-C35	ND	10.0	mg/kg					
EXT DRO >C28-C36	ND	10.0	mg/kg					
Total TPH C6-C28	ND	10.0	mg/kg					
Surrogate: 1-Chlorooctane	52.4		mg/kg	50.0	105	25.1-158		
Surrogate: 1-Chlorooctadecane	63.9		mg/kg	50.0	128	26.8-170		

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GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110	Project Number:	TRUNK M 1113520-3 BERNARD BUCKISCH	Reported: 13-Apr-17 16:13
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Kesuit	Liint	Units	Level	Kesuit	70KEC	Lillins	KFD	Liiiit	Notes
Batch 7033109 - General Prep - Organics										
LCS (7033109-BS1)				Prepared &	Analyzed:	31-Mar-17	7			
GRO C6-C10	219	10.0	mg/kg	200		109	78.6-112			
DRO >C10-C28	215	10.0	mg/kg	200		108	76.7-124			
Total TPH C6-C28	434	10.0	mg/kg	400		108	78.5-117			
Surrogate: 1-Chlorooctane	54.0		mg/kg	50.0		108	25.1-158			
Surrogate: 1-Chlorooctadecane	58.4		mg/kg	50.0		117	26.8-170			
LCS Dup (7033109-BSD1)				Prepared &	Analyzed:	31-Mar-17	,			
GRO C6-C10	226	10.0	mg/kg	200		113	78.6-112	3.41	13	BS
DRO >C10-C28	224	10.0	mg/kg	200		112	76.7-124	4.08	15.5	
Total TPH C6-C28	450	10.0	mg/kg	400		113	78.5-117	3.74	13.6	
Surrogate: 1-Chlorooctane	56.5		mg/kg	50.0		113	25.1-158			
Surrogate: 1-Chlorooctadecane	61.2		mg/kg	50.0		122	26.8-170			

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GHD SERVICES, INC. 6121 INDIAN SCHOOL RD, NE STE. 200 ALBUQUERQUE NM, 87110	Project Number:	TRUNK M 1113520-3 BERNARD BUCKISCH	Reported: 13-Apr-17 16:13
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Soluble (DI Water Extraction) - Quality Control

Green Analytical Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B704078 - General Prep - Wet Chem										
Blank (B704078-BLK1)				Prepared: 1	0-Apr-17 A	analyzed: 12	2-Apr-17			
Chloride	ND	1.00	mg/kg wet							
LCS (B704078-BS1)				Prepared: 1	0-Apr-17 A	analyzed: 12	2-Apr-17			
Chloride	235	10.0	mg/kg wet	250		94.1	85-115			
LCS Dup (B704078-BSD1)				Prepared: 1	0-Apr-17 A	analyzed: 12	2-Apr-17			
Chloride	234	10.0	mg/kg wet	250		93.6	85-115	0.469	20	

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Notes and Definitions

BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
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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Laboratories

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101 East Marland, Hobbs, NM 88240

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