

Initial Sampling Data

REVIEWED

By Kellie Jones at 10:54 am, Jan 13, 2016

APPROVED

By Kellie Jones at 10:54 am, Jan 13, 2016



Vertical 1

Depth	Cl-	PID
SS	32	1
6"	146	0.8
1'	147	0.7
1.5'	32	0.3

Vertical 2

Depth	Cl-	PID
SS	<16	0.5
6"	146	0.6
1'	133	0.5
1.5'	<16	0.5

Vertical 3

Depth	Cl-	PID
SS	32	0.7
6"	163	0.4
1'	141	0.3
1.5'	32	0.3

Legend

- DEADMAN
- SAMPLE POINT
- WELLHEAD
- BURIED PIPELINE
- FENCE
- SURFACE PIPELINE
- STAIN - 2,703 SQ FT

Landowner: BLM

DGW: 82 ft

Cl- LAB DATA
Cl- FIELD DATA



CONOCOPHILLIPS
MCA #109

NMOCD Case #: 1RP-3493

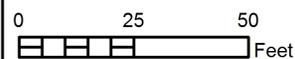
UL D SECTION 29

T-17-S R-32-E

LEA COUNTY, NM

Underground facilities are spatially projected and need to be field verified.

GPS Wellhead: 32.811066 -103.794908



GPS date: 6/29/15 CF
Drawing date: 1/11/16
Drafted by: M. Grieco





December 21, 2015

KYLE NORMAN

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: MCA #109

Enclosed are the results of analyses for samples received by the laboratory on 12/17/15 11:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 Basin Environmental Service
 KYLE NORMAN
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	12/17/2015	Sampling Date:	12/02/2015
Reported:	12/21/2015	Sampling Type:	Soil
Project Name:	MCA #109	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 1 @ SURFACE (H503282-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/17/2015	ND	432	108	400	3.64	

Sample ID: PT. 1 @ 1.5' (H503282-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/17/2015	ND	432	108	400	3.64	

Sample ID: PT. 2 @ SURFACE (H503282-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/17/2015	ND	400	100	400	3.92	

Sample ID: PT. 2 @ 1.5' (H503282-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/17/2015	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Basin Environmental Service
 KYLE NORMAN
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

 Received: 12/17/2015
 Reported: 12/21/2015
 Project Name: MCA #109
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/02/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 3 @ SURFACE (H503282-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/17/2015	ND	400	100	400	3.92	

Sample ID: PT. 3 @ 1.5' (H503282-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/17/2015	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report



Celey D. Keene, Lab Director/Quality Manager

Conoco Phillips MCA #109 (1RP-3493)

Unit Letter D, Section 29, T17S, R32E



Site Backfilled facing north

12/2/2015



Site Backfilled facing east

12/2/2015



Site Backfilled facing South

12/2/2015