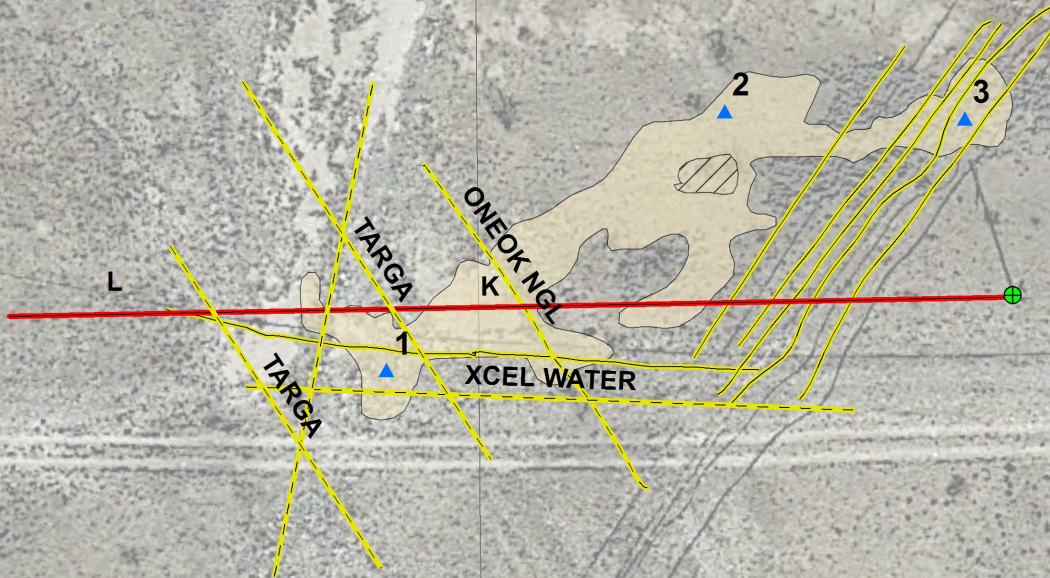


Initial Sampling

Vertical 1				
Depth	Cl-	PID	GRO	DRO
SS	6211	5.3		
6"	32	1.1	<10	<10

Vertical 2				
Depth	Cl-	PID	GRO	DRO
SS	3846	16		
6"	<16	10.1	<10	<10

Vertical 3				
Depth	Cl-	PID	GRO	DRO
SS	591	215.3		
6"	518	228.8		
1'	576	10.5	54.7	993
1.5'	340	10.1		
2'	<16	9.1	<10	<10



Landowner: State
DGW: 71 ft

- Legend**
- ⊕ ELECTRIC POLE
 - ▲ SAMPLE POINT
 - BURIED PIPELINE
 - OVERHEAD ELECTRIC LINE
 - SURFACE PIPELINE
 - NO STAIN
 - STAIN - 4,312 SQ FT



CONOCOPHILLIPS
EVGSAU 3440-002

1RP-3554

UL L & K SECTION 34
T-17-S R-35-E
LEA COUNTY, NM

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

GPS: 32.789856 -103.449679

0 25 50
Feet

GPS date: 2/18/16 KN
Drawing date: 2/18/16
Drafted by: T. Grieco





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

February 22, 2016

KYLE NORMAN

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: EVGSAU 3440-002

Enclosed are the results of analyses for samples received by the laboratory on 02/19/16 11:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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 with a large, stylized 'C' and 'K'.

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: 02/19/2016
Reported: 02/22/2016
Project Name: EVGSAU 3440-002
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 02/18/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: PT. 3 @ 1' (H600389-01)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	02/22/2016	ND	400	100	400	3.92	

TPH 8015M**mg/kg****Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	54.7	50.0	02/20/2016	ND	196	98.0	200	5.57	
DRO >C10-C28	993	50.0	02/20/2016	ND	201	101	200	9.97	

Surrogate: 1-Chlorooctane 109 % 35-147

Surrogate: 1-Chlorooctadecane 124 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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 whatsoever 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, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of 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.



Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: ConocoPhillips

P.O. #:

BILL TO

ANALYSIS REQUEST

Project Manager: Kyle Norman

Company: Basin

Address: 419 W Cain

City: Hobbs

State: NM Zip: 88240

Attn:

Phone #: 575-393-2967

Fax #: 575-393-0293

Address: 419 W Cain

Project #:

Project Owner:

City: Hobbs

Project Name:

State: NM Zip: 88240

Project Location:

EVASAR 3440-002

Phone #: 575-393-2967
Fax #: 575-393-0293

Sample Name:

THANPLAIN

MATRIX

PRESERV

SAMPLING

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

HL003588

P+3 @ 1'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE TIME

Chlorides

TPH 8015 M

BTEX

Texas TPH

Complete Cations/Anions

TDS

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Relinquished By:

Date:

Received By:

REMARKS:

Phone Result:

Yes

No

Add'l Phone #:

Fax Result:

Yes

No

Add'l Fax #:

Relinquished By:

Date:

Received By:

email results:

knorman@basineny.com;

jkamplain@basineny;

Delivered By: (Circle One)

-7.80c

Sample Condition

Cool

Intact

Yes

No

Checked By:

(Initials)

Yes

No

Add'l Phone #:

Fax Result:

Yes

No

Add'l Fax #:

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

#54



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

February 24, 2016

KYLE NORMAN

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: EVGSAU 3440-002

Enclosed are the results of analyses for samples received by the laboratory on 02/23/16 14:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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 with a large, stylized 'C' and 'K'.

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: 02/23/2016
Reported: 02/24/2016
Project Name: EVGSAU 3440-002
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 02/23/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: PT. 1 @ 6" (H600405-01)

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	02/24/2016	ND	448	112	400	3.64	
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	02/23/2016	ND	193	96.4	200	1.46	
DRO >C10-C28	<10.0	10.0	02/23/2016	ND	214	107	200	13.1	
Surrogate: 1-Chlorooctane	96.2 %	35-147							
Surrogate: 1-Chlorooctadecane	99.1 %	28-171							

Sample ID: PT. 2 @ 6" (H600405-02)

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	02/24/2016	ND	448	112	400	3.64	
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	02/23/2016	ND	193	96.4	200	1.46	
DRO >C10-C28	<10.0	10.0	02/23/2016	ND	214	107	200	13.1	
Surrogate: 1-Chlorooctane	98.5 %	35-147							
Surrogate: 1-Chlorooctadecane	94.8 %	28-171							

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: 02/23/2016
Reported: 02/24/2016
Project Name: EVGSAU 3440-002
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 02/23/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: PT. 3 @ 2' (H600405-03)

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	02/24/2016	ND	448	112	400	3.64	
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	02/23/2016	ND	193	96.4	200	1.46	
DRO >C10-C28	<10.0	10.0	02/23/2016	ND	214	107	200	13.1	
Surrogate: 1-Chlorooctane									
	93.4 %	35-147							
Surrogate: 1-Chlorooctadecane									
	96.5 %	28-171							

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

email results:
knorman@basineny.com; jkamlplain@basineny.com;