

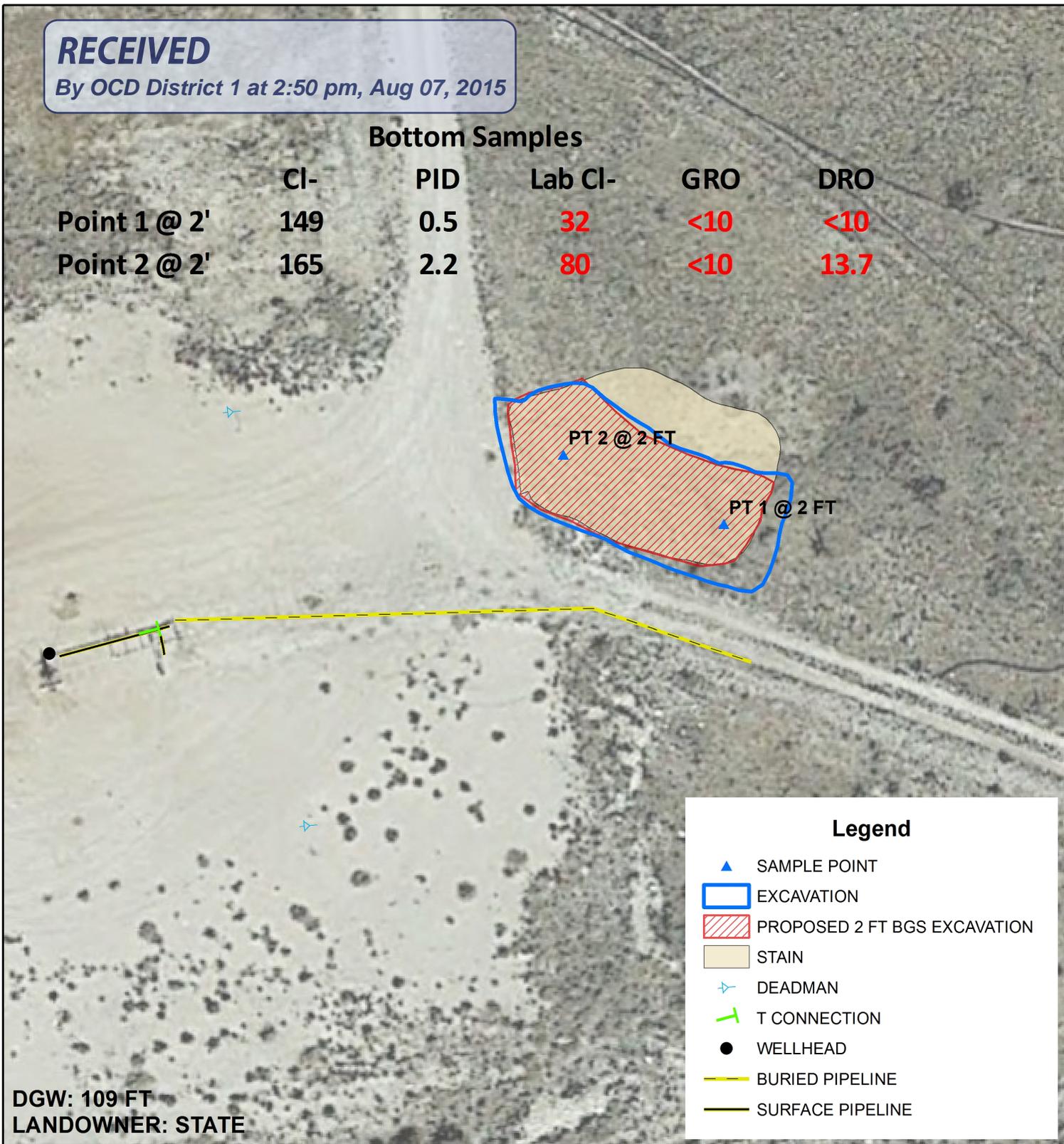
# Proposed Excavation

**RECEIVED**

By OCD District 1 at 2:50 pm, Aug 07, 2015

## Bottom Samples

	Cl-	PID	Lab Cl-	GRO	DRO
Point 1 @ 2'	149	0.5	32	<10	<10
Point 2 @ 2'	165	2.2	80	<10	13.7



DGW: 109 FT  
LANDOWNER: STATE

### Legend

- SAMPLE POINT
- EXCAVATION
- PROPOSED 2 FT BGS EXCAVATION
- STAIN
- DEADMAN
- T CONNECTION
- WELLHEAD
- BURIED PIPELINE
- SURFACE PIPELINE

**Basin Environmental**  
Effective Solutions  
**Service Technologies**

**CONOCOPHILLIPS**  
**EVGSAU 3127-398**  
1RP-3235

Legals: UL/J sec. 31  
T-17-S R-35-E  
LEA COUNTY, NM

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

GPS: 32.788178, -103.495021

0 25 50 Feet

GPS date: 6/26/15, 8/6/15 CF  
Drawing date: 8/7/15  
Drafted by: B. Cooper



August 06, 2015

KYLE NORMAN

BASIN ENVIRONMENTAL - HOBBS

419 W. CAIN

HOBBS, NM 88240

RE: EVGSAU 3127-398

Enclosed are the results of analyses for samples received by the laboratory on 08/05/15 15:02.

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](http://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".

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

 BASIN ENVIRONMENTAL - HOBBS  
 KYLE NORMAN  
 419 W. CAIN  
 HOBBS NM, 88240  
 Fax To: (575) 393-0293

Received:	08/05/2015	Sampling Date:	08/05/2015
Reported:	08/06/2015	Sampling Type:	Soil
Project Name:	EVGSAU 3127-398	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

**Sample ID: EXCAVATION POINT 1 @ 2' (H502037-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	08/06/2015	ND	416	104	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	08/06/2015	ND	195	97.6	200	6.22	
DRO >C10-C28	<10.0	10.0	08/06/2015	ND	177	88.5	200	9.55	
<i>Surrogate: 1-Chlorooctane</i>	<i>99.3 %</i>	<i>47.2-157</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>125 %</i>	<i>52.1-176</i>							

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



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Celey D. Keene, Lab Director/Quality Manager





August 07, 2015

KYLE NORMAN

BASIN ENVIRONMENTAL - HOBBS

419 W. CAIN

HOBBS, NM 88240

RE: EVGSAU 3127-398

Enclosed are the results of analyses for samples received by the laboratory on 08/06/15 10:52.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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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.

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Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" and "K".

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

 BASIN ENVIRONMENTAL - HOBBS  
 KYLE NORMAN  
 419 W. CAIN  
 HOBBS NM, 88240  
 Fax To: (575) 393-0293

Received:	08/06/2015	Sampling Date:	08/06/2015
Reported:	08/07/2015	Sampling Type:	Soil
Project Name:	EVGSAU 3127-398	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NOT GIVEN		

**Sample ID: EXCAVATION POINT 2 @ 2' (H502042-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	08/07/2015	ND	416	104	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	08/06/2015	ND	193	96.5	200	1.48	
<b>DRO &gt;C10-C28</b>	<b>13.7</b>	10.0	08/06/2015	ND	175	87.5	200	2.76	

Surrogate: 1-Chlorooctane 106 % 47.2-157

Surrogate: 1-Chlorooctadecane 123 % 52.1-176

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



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Celey D. Keene, Lab Director/Quality Manager



**ARDINAL 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

*RUSH*

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: ConocoPhillips		P.O. #:		<b>BILL TO</b>		ANALYSIS REQUEST	
Project Manager: Kyle Norman		Company: Basin					
Address: 419 W Cain		Attn:					
City: Hobbs		State: NM Zip: 88240					
Phone #: 575-393-2967		Fax #: 575-393-0293		Address: 419 W Cain			
Project #:		Project Owner:		City: Hobbs			
Project Name: <i>CoP</i>		State: NM Zip: 88240					
Project Location: <i>ELGSAU 3127-398</i>		Phone #: 575-393-2967					
Sampler Name: <i>CWTS Flores</i>		Fax #: 575-393-0293					
FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING	
Lab I.D. <i>H502.042</i>	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL
				<input checked="" type="checkbox"/>			
				SLUDGE	OTHER:	ACID/BASE:	ICE / COOL
				OTHER:			
				DATE	TIME		
				<i>8-6-2015</i>	<i>10:00AM</i>		
						Chlorides	
						TPH 8015 M	
						BTEX	
						Texas TPH	
						Complete Cations/Anions	
						TDS	

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Relinquished By: <i>[Signature]</i>	Date: <i>8-6-2015</i>	Received By: <i>Judy Garcia</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By: <i>[Signature]</i>	Time: <i>8:15</i>	Received By: <i>[Signature]</i>	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>540</i>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: <i>[Signature]</i>	email results: hconder@basinenv.com; knorman@basinenv.com; jkamplain@basinenv; lflores@basinenv; lweinheimer@basinenv; cursanic@basinenv; sedwards@basinenv environmental tech: <i>cflores@basinenv</i>	

*#54*

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