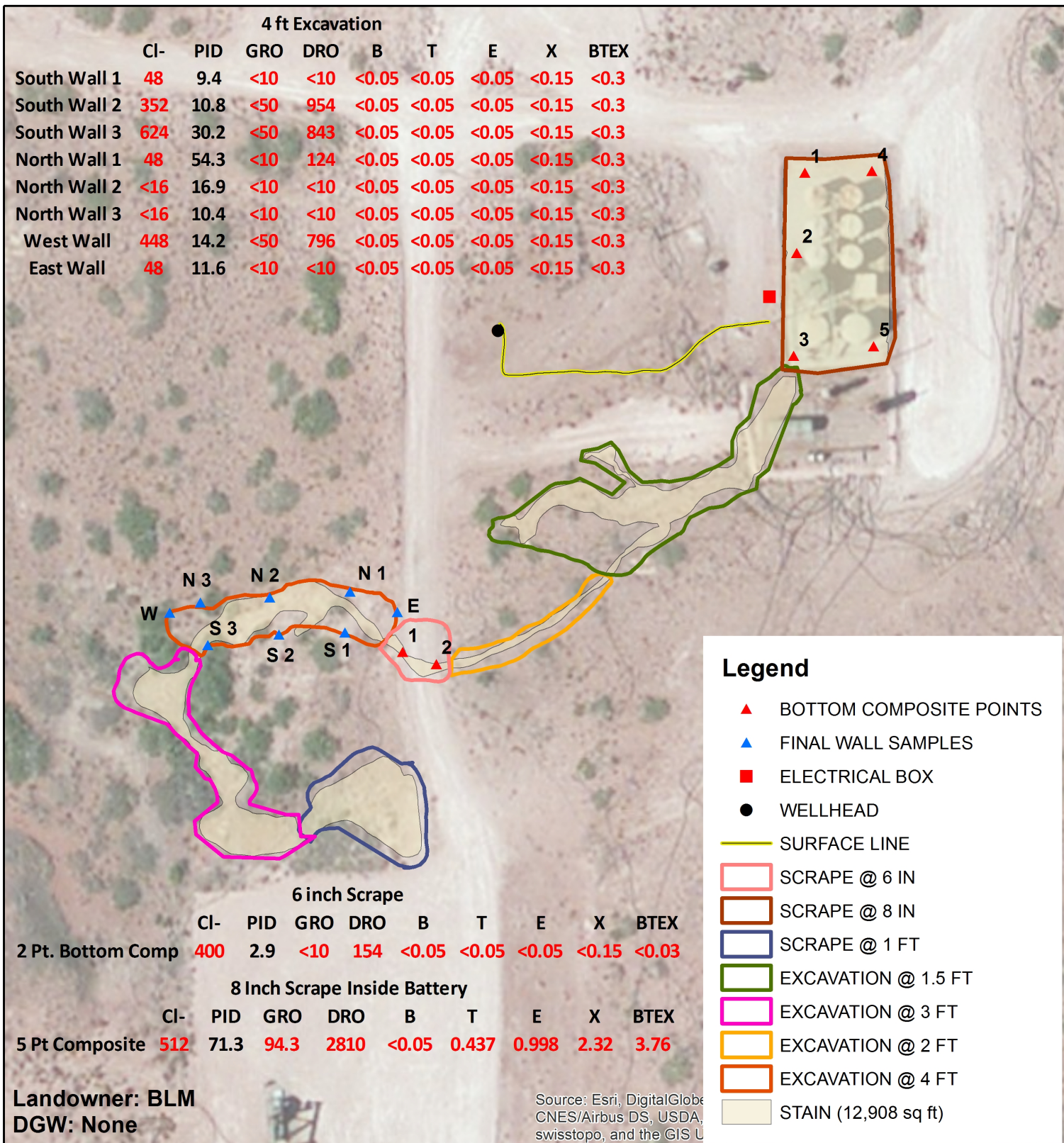


# Excavation Data



December 17, 2014

JACOB KAMPLAIN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: GISSLER A-2

Enclosed are the results of analyses for samples received by the laboratory on 12/16/14 11:50.

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,



Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

RICE ENVIRONMENTAL CONSULTING & SAFETY  
JACOB KAMPLAIN  
419 W. CAIN  
HOBBS NM, 88240  
Fax To: (575) 397-1471

Received:	12/16/2014	Sampling Date:	12/15/2014
Reported:	12/17/2014	Sampling Type:	Soil
Project Name:	GISSLER A-2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Amanda Ponce
Project Location:	NOT GIVEN		

**Sample ID: 5 PT. COMP IN BATTERY @ 8" (H403820-01)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/16/2014	ND	1.82	91.1	2.00	8.15	
<b>Toluene*</b>	<b>0.437</b>	0.050	12/16/2014	ND	1.79	89.3	2.00	8.31	
<b>Ethylbenzene*</b>	<b>0.998</b>	0.050	12/16/2014	ND	1.70	85.2	2.00	8.56	
<b>Total Xylenes*</b>	<b>2.32</b>	0.150	12/16/2014	ND	5.18	86.3	6.00	8.51	
<b>Total BTX</b>	<b>3.76</b>	0.300	12/16/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

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>512</b>	16.0	12/17/2014	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
<b>GRO C6-C10</b>	<b>94.3</b>	10.0	12/17/2014	ND	194	97.1	200	0.234	
<b>DRO &gt;C10-C28</b>	<b>2810</b>	10.0	12/17/2014	ND	195	97.7	200	0.102	

Surrogate: 1-Chlorooctane 92.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 113 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

### Notes and Definitions

QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Burnett

Project Manager: Johnny Tilsworth

Address: 112 W. Taylor

City: Hobbs

Phone #:

Project #:

Project Name:

Project Location: Grissler A-2 Battery

Sample Name: Kyle Schmitt

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H403814

5 point composite in battery

811

(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

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 the client for the analysis. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received by Cardinal within 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:

Date:

Time:

Date:

Time:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other: 24C #54

Sample Condition:  
☒ Cool  
☐ Intact  
☐ Yes  
☐ No

CHECKED BY: (Initials)

REMARKS: 415worth@burnett.com  
email: hconder@riceswd.com; kjones@riceswd.com;  
lflores@rice-ecs.com; lweinheimer@rice-ecs.com;  
knorman@rice-ecs.com; jkamlain@rice-ecs.com;  
sedwards@rice-ecs.com; cursanic@rice-ecs.com  
Environmental Tech: L Schmitt@rice-ecs.com

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