

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

October 08, 2013

HOBBS OCD

Bob Allen

Safety & Environmental Solutions

OCT 1 0 2013

703 East Clinton

Hobbs, NM 88240

RECEIVED

RE: QUAIL STATE 16-6

Enclosed are the results of analyses for samples received by the laboratory on 10/07/13 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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 accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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

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Steriffey Jeking
Environmental Specialist
NMOCD - DIST

10/16/13



Analytical Results For:

Safety & Environmental Solutions

Bob Allen

703 East Clinton

Hobbs NM, 88240

Fax To:

(575) 393-4388

Analyzed By: MS

Received:

10/07/2013

Sampling Date:

10/04/2013

Reported:

BTEX 8021B

10/08/2013

Sampling Type:

Soil

Project Name:

QUAIL STATE 16-6

Sampling Condition:

Cool & Intact

Project Number:

FAS-13-005

Project Location:

LEA COUNTY, NM

Sample Received By:

Jodi Henson

Sample ID: C-1 1' BGS (H302417-01)

BILA GUZID	mg/	NY	Allalyze	u by. Ma					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2013	ND	1.66	83.2	2.00	2.37	
Toluene*	< 0.050	0.050	10/08/2013	ND	1.76	87.8	2.00	1.71	
Ethylbenzene*	< 0.050	0.050	10/08/2013	ND	1.81	90.7	2.00	3.13	
Total Xylenes*	<0.150	0.150	10/08/2013	ND	5.47	91.1	6.00	2.26	
Total BTEX	<0.300	0.300	10/08/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	123 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/08/2013	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/07/2013	ND	192	95.8	200	0.902	
DRO >C10-C28	<10.0	10.0	10/07/2013	ND	181	90.4	200	0.0160	
Surrogate: 1-Chlorooctane	89.5	% 65.2-14	0	111-1-1					
Surrogate: 1-Chlorooctadecane	89.5	% 63.6-15	4						

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 varied 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, in the contract 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. Keine

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. Keine

Celey D. Keene, Lab Director/Quality Manager

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 Fax (505) 393-2476 101 East Marland, Hobbs, NM 88240

		-		- Bus - Other:	Sampler - UPS
		ition CHECKED BY:	Temp. Sample Condition	ed Bv: (Circle One)	Delivered By:
				Time:	
			Received By:		Reimquished By
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D No Add Phone 未	Fax Result: 11 Yes		Served by:		
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	63	Phone #:		cation: Le 2 Coyum	Project Location:
		State: Zip:	6	me: Qual SMATE 16-	Project Name:
		City:	Project Owner WS/LEW OU	44743-605 Project Own	Project #:
		Address	575-393-4388	575-397-0510 Fax#: 57	Phone #:
		Attn:	Zip: 88240	Hohbs State; NM	City:
		Company: Same		703 East Clinton	Address:
Comments of the Comments of th		Po #		1	Project Manager:
ANALYSIS REQUEST		031,1171	Solutions, Inc.	Name: Safety & Environmental	Company Name:
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