

30-025-40941



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

October 08, 2013

HOBBS OCD

Bob Allen

OCT 10 2013

Safety & Environmental Solutions

703 East Clinton

RECEIVED

Hobbs, NM 88240

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_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

approved for backfill
Jeffrey Sekim
Environmental Specialist
NMOC - DIST 1
10/16/13

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received: 10/07/2013
Reported: 10/08/2013
Project Name: QUAIL STATE 16-6
Project Number: FAS-13-005
Project Location: LEA COUNTY, NM

Sampling Date: 10/04/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

BTEX 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	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 (PII) 123 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed 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	Analyzed 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 % 65.2-140

Surrogate: 1-Chlorooctadecane 89.5 % 63.6-154

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*=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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-1476.

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