



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

July 23, 2014

VERNON BLACK

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: NORTH HACKBERRY YATES WELL #105

Enclosed are the results of analyses for samples received by the laboratory on 07/17/14 16:40.

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.

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:

Hungry Horse Environmental
VERNON BLACK
P.O. Box 1058
Hobbs NM, 88240
Fax To: (505) 391-4585

Received:	07/17/2014	Sampling Date:	07/17/2014
Reported:	07/23/2014	Sampling Type:	Soil
Project Name:	NORTH HACKBERRY YATES WELL #105	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: SP #3 5' BGS (H402190-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	07/22/2014	ND	432	108	400	7.69	

Sample ID: SP #4 5' BGS (H402190-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	07/22/2014	ND	432	108	400	7.69	

Sample ID: SP #2 2' BGS (H402190-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	07/22/2014	ND	432	108	400	7.69	

Sample ID: SP #3 2' BGS (H402190-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	07/22/2014	ND	432	108	400	7.69	

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

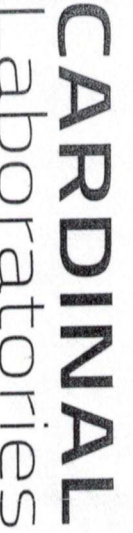
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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse, LLC Project Manager: Vernon K. Black Address: PO Box 1058 City: Hobbs State: NM Zip: 88241 Phone #: 575-393-3386 Fax #: 575-391-4585 Project #: Project Name: North Halberly Yates #105 Project Location: Eddy County Project Owner: Southwest Royalty Sample Name: Vernon K. Black				P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:			
BILL TO				ANALYSIS REQUEST			
FOR LAB USE ONLY							
Lab I.D. H4D290		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		DATE TIME	
1 SP#3 5' BG's 2 SP#4 5' BG's 3 AC200 2' BG's 4 SP#2 2' BG's 5 SP#3 2' BG's		C C C C C		17 JUL 1900 17 JUL 1400 17 JUL 1400 17 JUL 1400 17 JUL 1400		X X X X X	
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Relinquished By: [Signature] Date: 11/5/14 Time: 1640				Received By: [Signature] Date: 11/5/14 Time: 1640			
Relinquished By: [Signature] Date: Time:				Received By: [Signature] Date: Time:			
Delivered By: (Circle One) Sampler - UPS Bus Other:				Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
30.42				CHECKED BY: [Signature]			
REMARKS:				Chlorides TPH BTEX			
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:							