



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pGRL1318953152

1RP - 2933

TORO OPERATING

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OCD

JUL 01 2013

RECEIVED

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011
Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company Toro Operating	Contact Chris Jensen
Address 1001 Almont Place Midland, TX 79705	Telephone No. 432-425-1773 or 303-829-5219
Facility Name Hobbs Battery	Facility Type Tank Battery
Surface Owner	Mineral Owner
API No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	14	T20S	R38E					Lea

Latitude 32.57725 Longitude -103.12399

NATURE OF RELEASE

Type of Release Hydrocarbons and Chlorides	Volume of Release Unknown	Volume Recovered None
Source of Release Loading Stations and tanks	Date and Hour of Occurrence Unknown	Date and Hour of Discovery May2013
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

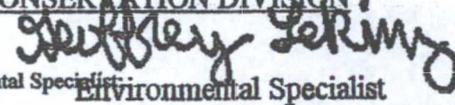
If a Watercourse was Impacted, Describe Fully.*

N/A
Describe Cause of Problem and Remedial Action Taken.*
The battery has areas that are stained with hydrocarbons and some chlorides from various antiquated releases. All are inside the firewalls except for a couple at the loading stations. Initial soil samples, 1' and 3' BGS, have been obtained and analyzed at Cardinal Lab for Chlorides, TPH, and BTEX. A Remediation Work Plan is being submitted for review and approval.

See attached Lab Analysis, Spread Sheet, Sketch of Battery with Sample Points, and Remediation Work Plan.

Describe Area Affected and Cleanup Action Taken.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature 	OIL CONSERVATION DIVISION	
Printed Name: Chris Jensen	 Environmental Specialist	
Title: Development Manager	Approval Date: 7/1/13	Expiration Date: 9/2/13
E-mail Address: chris@pecos.hostpilot.com	Conditions of Approval: FULLY DELINEATE AND REMEDIATE PER OCD	Attached <input type="checkbox"/> IRP-7-13-2933
Date: 7/1/13 Phone: 303-829-5219	GUIDELINES: SUBMIT FINAL C-141 BY 9/2/13	

* Attach Additional Sheets If Necessary

JUL 08 2013

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State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
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Form C-141
MAY 24 2014 Revised August 8, 2011
Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.
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Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company Toro Operating	Contact Chris Jensen
Address 1001 Almont Place, Midland, TX, 79705	Telephone No. 432-425-1773 or 303-829-5219
Facility Name Hobbs Battery	Facility Type Tank Battery
Surface Owner	Mineral Owner
API No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	14	20S	38E					Lea

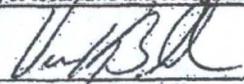
Latitude 32.57725 Longitude -103.12399

NATURE OF RELEASE

Type of Release Hydrocarbons and Chlorides	Volume of Release Unknown	Volume Recovered None
Source of Release Loading Stations and Tanks	Date and Hour of Occurrence Unknown	Date and Hour of Discovery May 2013
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
Was a Watercourse Reached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse. Unknown	
If a Watercourse was Impacted, Describe Fully.* Three monitor wells were installed and lab analysis of the water samples indicate elevated levels of chlorides at MW-1 and the SE-MW.		
Describe Cause of Problem and Remedial Action Taken.*		

Describe Area Affected and Cleanup Action Taken.*
The impacted areas in and around the Main Battery, Southwest Battery, and Southeast Battery were remediated as per the proposed work plan with supporting lab analysis attached. Verbal approval to backfill all excavated areas was given by NM OCD's Geoff Leking with approval for placement of a 20-mil synthetic liner at the Main Battery and the Southwest Battery. During the delineation (soil boring) at the Main Battery, groundwater was encountered at approximately 65' BGS. A monitor well, MW-1, was completed. Based upon lab results of the soil boring and water sample from MW-1, Geoff Leking directed to conduct additional ground water investigation by installing two additional Monitor Wells, one to the NW and one to the SE of MW-1. These two Monitor Wells were installed and water samples collected and analyzed. Lab analysis indicated elevated levels of chlorides at MW-1 and the SE-MW.
As per instructions from Geoff Leking, NMOCD, a "Notice of Impact to Groundwater" will be sent to EMNRD. We are requesting to close the soil remediation portion of the site. **ADDITIONAL DELINEATION & REMEDIATION PERFORMED TO CLOSE SITE. SARL 06/09/14**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION  Approved by Environmental Specialist	
Printed Name: Vernon K. Black-Agent for Toro Operating	Approval Date: 06/09/14	Expiration Date: -
Title: HSE	Conditions of Approval: APPROVAL OF THIS FINAL C-141 DOES NOT RELIEVE TORO OF LIABILITY FOR THE PERFORMANCE OF ANY FORM OF FURTHER INVESTIGATION THAT MAY BE REQUIRED DUE TO THE IMPACT TO GROUND WATER.	
E-mail Address: chris@pecos.hostpilot.com vblack@hungry-horse.com	Attached <input type="checkbox"/> IRP-7-13-2933	
Date: 7Feb14 Phone: 303-829-5219		

* Attach Additional Sheets If Necessary

JUN 09 2014

Toro Operating Remediation Summary

HOBBS OCD

JUN 09 2014

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Hobbs Battery

Lea County, NM

GPS N32 .57725 W103.12399

Start date: 1JUL13

Finish date: 29JAN14

Prepared By: Oscar Frayre

Environmental Technician

Hungry Horse, LLC

PO Box 1058

Hobbs, NM 88241

(575)-393-3386

approved
Oscar Frayre
Environmental Specialist
NMOCD-DIST 1
6/16/14



1.0 Introduction

This report addresses the site remediation at Toro Operating Hobbs Battery. Analytical results, C 141's, an overhead map, and a general scope of work performed are included in this document. The project manager for Hungry Horse, LLC was Oscar Frayre.

2.0 Area Description

The area surrounding is mainly caliche rock the top several feet. The primary vegetation is an assortment of desert grasses, mesquite bushes, and small yucca plants. Based upon the Lea County Depth to Groundwater Map, the depth to the ground water is presumed to be at 30' BGS (Below Ground Surface). There are no known water wells or surface bodies of water within a half of a mile of this location. This tank battery is in Lea County, Hobbs New Mexico 1.4 miles south of water dog rd.

3.0 Site Remediation Process

Due to the size of the facility, the work was divided into three separate work areas with each being treated as a separate project. The three work areas are the Main Battery, Southeast Battery and Southwest Battery. The remediation at each work area is the results of historical and antiquated releases that were not properly addressed at the time of event. Each work area was individually delineated and a remediation work plan developed and approved that encompassed all three work areas. All imported soil that was excavated was stockpiled on plastic and later transported to a division approved disposal facility.

Main Battery (Center Monitor Well)

Based upon the initial delineation results, the main battery in and around the tanks, was excavated by hand down to approximately 3' (BGS). At Approximately 3' (BGS) hard rock was encountered and further excavation using hand tool was not possible nor was it safe to continue digging due to the tanks. Soil samples were obtained and analyzed for CL, TPH and BTEX. Results were presented to NM OCD along with the explanation that further excavation was not possible. OCD recommendation was to conduct a soil boring inside the battery to determine the extent of the downward migration of contaminants.

The drilling was scheduled and soil samples were obtained in 5' increments with field test for chlorides being conducted down to 65' (BGS). Results and field test were presented to NM OCD for closure approval; at 65' (BGS) ground water was encountered. A monitor well was installed and completed. Approval was granted to install a 20 mil synthetic liner and backfill the affected area.

South West Battery

Delineation results from the two tanks and from around the frac tank indicated elevated levels of (CL) and (TPH). This area was excavated by hand to approximately 3' (BGS) at which time it became unsafe to continue excavating due to the tanks tipping over. Solid rock was encountered and soil samples were obtained and analyzed, lab results were presented to NM OCD for guidance. It was recommended that we conducted a soil boring to determine the downward migration of contaminants. The soil boring was conducted obtaining samples and field test for (CL) at 5' increments. Lab analysis determine that chloride levels are under the NM OCD closure limits from 5'-131' (BGS). No ground water was encountered through the duration of the soil boring investigation. Selected samples were analyzed for (CL),(TPH 015M,) and (BTEX). These results along with field test results were presented to NM OCD for closure approval. Approval was given to install a 20 mil synthetic liner and backfill the affected area.

South East Battery

The initial delineation consisted of obtaining soil samples from inside the battery . The initial sample was obtained at 1' and 3' below ground surface (BGS). The sample was transported under chain of custody to Cardinal Lab in Hobbs, NM for analysis. The sample was analyzed for TPH, BTEX, and Chlorides. Lab results indicated that we are within the closure approval limits clear from any contamination and approval was given was given to backfill the affected areas with clean material. All contaminated soil was transported to a division approved disposal facility.

Additional Monitor Well Information

OCD recommendation was to conduct a soil boring at the north-west corner and south east corner of the location outside the battery to determine the extent of the downward migration of contaminants.

North-West Monitor Well

The soil bore was conducted by drilling a soil bore and sampling at 5' increments field testing for chlorides only. Based off of the field results and lab analysis we are not in conflict with any contamination down to 65' BGS where water has been encountered. A water sample at 65' BGS and soil samples have been obtained prepared and delivered to the laboratory for lab analysis. Results and field test were presented to NM OCD for closure approval.

South East Monitor Well

It was recommended that we conducted a soil boring to determine the downward migration of contaminants. The soil boring was conducted obtaining samples and field test for (CL) at 5' increments. The contamination from 5'-15' chloride levels were within the closure limits. Through the duration of the drilling at 15' -25' chloride levels fluctuated up to 2,000 + ppm. From 30'-65' BGS chloride levels decreased to 144' ppm. Soil samples including a water sample at 65' BGS have been obtained, prepared and delivered to the laboratory for lab analysis. Results and field test were presented to NM OCD for closure approval.



Co Rd 45 Water Dog

18

S. Eunice Hwy

-32.57725, 103.12399

© 2013 Google

Google earth

Torro Operating
Hobbs Battery



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

June 05, 2013

OSCAR FRAYRE

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: HOBBS BATTERY

HOBBS OCD

JUN 09 2014

RECEIVED

Enclosed are the results of analyses for samples received by the laboratory on 06/03/13 9:45.

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

Analytical Results For:

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

 Received: 06/03/2013
 Reported: 06/05/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/03/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: MAIN BATTERY PT 1 @ 1' (H301285-01)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	<0.050	0.050	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	<0.050	0.050	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	<0.150	0.150	06/04/2013	ND	6.58	110	6.00	4.09	
Total BTEX	<0.300	0.300	06/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 87.5 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	06/03/2013	ND	432	108	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	06/03/2013	ND	207	104	200	1.83	
DRO >C10-C28	<10.0	10.0	06/03/2013	ND	221	110	200	3.31	

Surrogate: 1-Chlorooctane 90.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 93.8 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 06/03/2013
 Reported: 06/05/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/03/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: MAIN BATTERY PT 1 @ 3' (H301285-02)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	<0.050	0.050	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	<0.050	0.050	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	<0.150	0.150	06/04/2013	ND	6.58	110	6.00	4.09	
Total BTEX	<0.300	0.300	06/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 89.2 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	06/03/2013	ND	432	108	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	06/03/2013	ND	207	104	200	1.83	
DRO >C10-C28	15.2	10.0	06/03/2013	ND	221	110	200	3.31	

Surrogate: 1-Chlorooctane 94.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.0 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 06/03/2013
 Reported: 06/05/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/03/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: MAIN BATTERY PT 2 @ 1' (H301285-03)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01		
Toluene*	0.457	0.050	06/04/2013	ND	2.16	108	2.00	4.29		
Ethylbenzene*	0.359	0.050	06/04/2013	ND	2.34	117	2.00	4.27		
Total Xylenes*	0.971	0.150	06/04/2013	ND	6.58	110	6.00	4.09		
Total BTEX	1.79	0.300	06/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/03/2013	ND	432	108	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	<50.0	50.0	06/03/2013	ND	207	104	200	1.83		
DRO >C10-C28	518	50.0	06/03/2013	ND	221	110	200	3.31		

Surrogate: 1-Chlorooctane 99.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 63.6-154

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 Fax To: (505) 391-4585

 Received: 06/03/2013
 Reported: 06/05/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/03/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: MAIN BATTERY PT 2 @ 3' (H301285-04)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	0.315	0.050	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	0.281	0.050	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	0.915	0.150	06/04/2013	ND	6.58	110	6.00	4.09	
Total BTEX	1.51	0.300	06/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 110 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/03/2013	ND	432	108	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	<50.0	50.0	06/03/2013	ND	207	104	200	1.83	
DRO >C10-C28	460	50.0	06/03/2013	ND	221	110	200	3.31	

Surrogate: 1-Chlorooctane 97.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 110 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

 Received: 06/03/2013
 Reported: 06/05/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/03/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: MAIN BATTERY PT 3 @ 1' (H301285-05)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	0.155	0.050	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	0.058	0.050	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	0.346	0.150	06/04/2013	ND	6.58	110	6.00	4.09	
Total BTEX	0.559	0.300	06/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/03/2013	ND	432	108	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	06/03/2013	ND	207	104	200	1.83	
DRO >C10-C28	265	10.0	06/03/2013	ND	221	110	200	3.31	

Surrogate: 1-Chlorooctane 97.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 101 % 63.6-154

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Analytical Results For:

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

 Received: 06/03/2013
 Reported: 06/05/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/03/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: MAIN BATTERY PT 3 @ 3' (H301285-06)

BTEX 8021B		mg/kg		Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.115	0.050	06/04/2013	ND	2.41	120	2.00	5.01		
Toluene*	0.441	0.050	06/04/2013	ND	2.16	108	2.00	4.29		
Ethylbenzene*	0.281	0.050	06/04/2013	ND	2.34	117	2.00	4.27		
Total Xylenes*	1.06	0.150	06/04/2013	ND	6.58	110	6.00	4.09		
Total BTEX	1.90	0.300	06/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 127 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/03/2013	ND	432	108	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	19.1	10.0	06/03/2013	ND	207	104	200	1.83		
DRO >C10-C28	688	10.0	06/03/2013	ND	221	110	200	3.31		

Surrogate: 1-Chlorooctane 99.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 105 % 63.6-154

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

 Received: 06/03/2013
 Reported: 06/05/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/03/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: MAIN BATTERY PT 4 @ 1' (H301285-07)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	<0.050	0.050	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	<0.050	0.050	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	<0.150	0.150	06/04/2013	ND	6.58	110	6.00	4.09	
Total BTEX	<0.300	0.300	06/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 105 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/03/2013	ND	432	108	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	06/03/2013	ND	207	104	200	1.83	
DRO >C10-C28	645	10.0	06/03/2013	ND	221	110	200	3.31	

Surrogate: 1-Chlorooctane 103 % 65.2-140

Surrogate: 1-Chlorooctadecane 110 % 63.6-154

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 OSCAR FRAYRE
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

 Received: 06/03/2013
 Reported: 06/05/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/03/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: MAIN BATTERY PT 4 @ 3' (H301285-08)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	<0.050	0.050	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	<0.050	0.050	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	<0.150	0.150	06/04/2013	ND	6.58	110	6.00	4.09	
Total BTEX	<0.300	0.300	06/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 96.6 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/03/2013	ND	432	108	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	06/03/2013	ND	207	104	200	1.83	
DRO >C10-C28	178	10.0	06/03/2013	ND	221	110	200	3.31	

Surrogate: 1-Chlorooctane 94.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.2 % 63.6-154

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 Received: 06/03/2013
 Reported: 06/05/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/03/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: MAIN BATTERY PT 5 @ 1' (H301285-09)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	<0.050	0.050	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	<0.050	0.050	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	<0.150	0.150	06/04/2013	ND	6.58	110	6.00	4.09	
Total BTEX	<0.300	0.300	06/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 94.7% 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	06/03/2013	ND	432	108	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	06/03/2013	ND	207	104	200	1.83	
DRO >C10-C28	<10.0	10.0	06/03/2013	ND	221	110	200	3.31	

Surrogate: 1-Chlorooctane 93.1% 65.2-140

Surrogate: 1-Chlorooctadecane 94.3% 63.6-154

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 OSCAR FRAYRE
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	06/03/2013	Sampling Date:	06/03/2013
Reported:	06/05/2013	Sampling Type:	Soil
Project Name:	HOBBS BATTERY	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: MAIN BATTERY PT 5 @ 3' (H301285-10)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	<0.050	0.050	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	<0.050	0.050	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	<0.150	0.150	06/04/2013	ND	6.58	110	6.00	4.09	
Total BTEX	<0.300	0.300	06/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 94.9 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	06/03/2013	ND	432	108	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	06/03/2013	ND	207	104	200	1.83	
DRO >C10-C28	<10.0	10.0	06/03/2013	ND	221	110	200	3.31	

Surrogate: 1-Chlorooctane 95.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.9 % 63.6-154

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

 Received: 06/03/2013
 Reported: 06/05/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/03/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: MAIN BATTERY PT 6 @ 1' (H301285-11)

BTEX 8021B		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	2.01	0.500	06/04/2013	ND	2.41	120	2.00	5.01		
Toluene*	16.4	0.500	06/04/2013	ND	2.16	108	2.00	4.29		
Ethylbenzene*	13.3	0.500	06/04/2013	ND	2.34	117	2.00	4.27		
Total Xylenes*	156	1.50	06/04/2013	ND	6.58	110	6.00	4.09		
Total BTEX	188	3.00	06/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 171 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/03/2013	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	2290	50.0	06/03/2013	ND	207	104	200	1.83		
DRO >C10-C28	10600	50.0	06/03/2013	ND	221	110	200	3.31		

Surrogate: 1-Chlorooctane 181 % 65.2-140

Surrogate: 1-Chlorooctadecane 250 % 63.6-154

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 OSCAR FRAYRE
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

 Received: 06/03/2013
 Reported: 06/05/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/03/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: MAIN BATTERY PT 7 @ 1' (H301285-12)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	0.673	0.500	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	0.952	0.500	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	5.12	1.50	06/04/2013	ND	6.58	110	6.00	4.09	
Total BTEX	6.75	3.00	06/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 111 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/03/2013	ND	432	108	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	06/03/2013	ND	207	104	200	1.83	
DRO >C10-C28	204	10.0	06/03/2013	ND	221	110	200	3.31	

Surrogate: 1-Chlorooctane 94.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.0 % 63.6-154

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 Hobbs NM, 88240
 Fax To: (505) 391-4585

 Received: 06/03/2013
 Reported: 06/05/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/03/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: S/W BATTERY PT. 8 @1' (H301285-13)

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	0.437	0.100	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	3.42	0.100	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	19.0	0.300	06/04/2013	ND	6.58	110	6.00	4.09	
Total BTEX	22.8	0.600	06/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PII) 210 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	06/03/2013	ND	432	108	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	454	50.0	06/03/2013	ND	207	104	200	1.83	
DRO >C10-C28	5520	50.0	06/03/2013	ND	221	110	200	3.31	

Surrogate: 1-Chlorooctane 123 % 65.2-140

Surrogate: 1-Chlorooctadecane 84.9 % 63.6-154

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 P.O. Box 1058
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 Fax To: (505) 391-4585

 Received: 06/03/2013
 Reported: 06/05/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/03/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: S/W BATTERY PT. 8 @ 3' (H301285-14)

BTEX 8021B		mg/kg		Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01		
Toluene*	<0.050	0.050	06/04/2013	ND	2.16	108	2.00	4.29		
Ethylbenzene*	0.224	0.050	06/04/2013	ND	2.34	117	2.00	4.27		
Total Xylenes*	1.32	0.150	06/04/2013	ND	6.58	110	6.00	4.09		
Total BTEX	1.54	0.300	06/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 133 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3960	16.0	06/03/2013	ND	432	108	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	06/03/2013	ND	207	104	200	1.83	
DRO >C10-C28	82.5	10.0	06/03/2013	ND	221	110	200	3.31	

Surrogate: 1-Chlorooctane 99.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 98.4 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 06/03/2013
 Reported: 06/05/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/03/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: S/W BATTERY PT. #9 @ 1' (H301285-15)

BTEX 8021B		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01		
Toluene*	<0.050	0.050	06/04/2013	ND	2.16	108	2.00	4.29		
Ethylbenzene*	0.381	0.050	06/04/2013	ND	2.34	117	2.00	4.27		
Total Xylenes*	0.392	0.150	06/04/2013	ND	6.58	110	6.00	4.09		
Total BTEX	0.773	0.300	06/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 170 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/03/2013	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<50.0	50.0	06/03/2013	ND	207	104	200	1.83		
DRO >C10-C28	2770	50.0	06/03/2013	ND	221	110	200	3.31		

Surrogate: 1-Chlorooctane 97.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 170 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 06/03/2013
 Reported: 06/05/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/03/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: S/E BATTERY PT. #10 @ 1' (H301285-16)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	<0.050	0.050	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	<0.050	0.050	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	<0.150	0.150	06/04/2013	ND	6.58	110	6.00	4.09	
Total BTEX	<0.300	0.300	06/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 98.7 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/03/2013	ND	432	108	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	06/03/2013	ND	207	103	200	2.24	
DRO >C10-C28	27.3	10.0	06/03/2013	ND	211	105	200	3.88	

Surrogate: 1-Chlorooctane 98.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.2 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 06/03/2013
 Reported: 06/05/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 06/03/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: S/E BATTERY PT. #10 @ 3' (H301285-17)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	<0.050	0.050	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	<0.050	0.050	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	<0.150	0.150	06/04/2013	ND	6.58	110	6.00	4.09	
Total BTEX	<0.300	0.300	06/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 97.0 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/03/2013	ND	432	108	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	06/03/2013	ND	207	103	200	2.24	
DRO >C10-C28	335	10.0	06/03/2013	ND	211	105	200	3.88	

Surrogate: 1-Chlorooctane 104 % 65.2-140

Surrogate: 1-Chlorooctadecane 107 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1-2

BILL TO

ANALYSIS REQUEST

Company Name: Hensley Horse LLC

Project Manager: Oscar Fajal

Address: _____

City: Hobbs State: N.M. zip: 88240

Phone #: _____ Fax #: _____

Project #: _____ Project Owner: Tara Operating

Project Name: _____ State: _____ City: _____

Project Location: Hobbs Battery State: _____ Zip: _____

Sampler Name: Oscar Fajal Phone #: _____ Fax #: _____

FOR LAB USE ONLY

Lab I.D. _____ Sample I.D. _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	CC	pH	ISTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:							
H301885	1		6	X	X	X	X	X	X	X	6-3-13	8:00	+	+	+	
	main Battery		6	X	X	X	X	X	X	X	8:05	8:05	+	+	+	
	PT# 1 @ 1'		6	X	X	X	X	X	X	X	8:10	8:10	+	+	+	
	PT# 2 @ 1'		6	X	X	X	X	X	X	X	8:15	8:15	+	+	+	
	PT# 2 @ 3'		6	X	X	X	X	X	X	X	8:20	8:20	+	+	+	
	PT# 3 @ 1'		6	X	X	X	X	X	X	X	8:25	8:25	+	+	+	
	PT# 3 @ 3'		6	X	X	X	X	X	X	X	8:30	8:30	+	+	+	
	PT# 4 @ 1'		6	X	X	X	X	X	X	X	8:35	8:35	+	+	+	
	PT# 4 @ 3'		6	X	X	X	X	X	X	X	8:40	8:40	+	+	+	
	PT# 5 @ 1'		6	X	X	X	X	X	X	X	8:45	8:45	+	+	+	
	PT# 5 @ 3'		6	X	X	X	X	X	X	X			+	+	+	

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Relinquished By: [Signature] Date: 6/3/13 Time: 9:45
Received By: [Signature] Date: _____ Time: _____

Delivered By: (Circle One) UPS Bus Other
Checked By: [Signature]

Phone Result: Yes No Add'l Phone #:
Fax Result: Yes No Add'l Fax #:

REMARKS: Freya @ hungry-horse.com

V/B/roh @ hungry-horse.com

USSH!!

Samples taken & brought directly to lab.

* Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



July 31, 2013

OSCAR FRAYRE

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: HOBBS BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/30/13 15:55.

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,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive.

Mike Snyder

Organic Supervisor

Analytical Results For:

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

 Received: 07/30/2013
 Reported: 07/31/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/30/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Amanda Ponce

Sample ID: S/W BATTERY PT #1 @ 2' (H301795-01)

BTEX 8021B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.259	0.050	07/31/2013	ND	2.16	108	2.00	18.1		
Toluene*	0.576	0.050	07/31/2013	ND	2.20	110	2.00	14.6		
Ethylbenzene*	0.163	0.050	07/31/2013	ND	2.34	117	2.00	13.0		
Total Xylenes*	0.421	0.150	07/31/2013	ND	7.07	118	6.00	12.5		
Total BTEX	1.42	0.300	07/31/2013	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	18800	16.0	07/31/2013	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	07/30/2013	ND	186	93.0	200	3.32		
DRO >C10-C28	685	10.0	07/30/2013	ND	197	98.5	200	4.59		

Surrogate: 1-Chlorooctane 94.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 132 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Mike Snyder, Organic Supervisor

Analytical Results For:

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

 Received: 07/30/2013
 Reported: 07/31/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/30/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Amanda Ponce

Sample ID: S/W BATTERY PT #2 @ 2' (H301795-02)

BTEX 8021B		mg/kg		Analyzed By: DW				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/31/2013	ND	2.16	108	2.00	18.1		
Toluene*	<0.050	0.050	07/31/2013	ND	2.20	110	2.00	14.6		
Ethylbenzene*	0.128	0.050	07/31/2013	ND	2.34	117	2.00	13.0		
Total Xylenes*	0.267	0.150	07/31/2013	ND	7.07	118	6.00	12.5		
Total BTEX	0.438	0.300	07/31/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 155 % 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	3320	16.0	07/31/2013	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	22.7	10.0	07/30/2013	ND	186	93.0	200	3.32		
DRO >C10-C28	1710	10.0	07/30/2013	ND	197	98.5	200	4.59		

Surrogate: 1-Chlorooctane 95.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 148 % 63.6-154

Cardinal Laboratories

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Mike Snyder, Organic Supervisor

Analytical Results For:

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

 Received: 07/30/2013
 Reported: 07/31/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/30/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Amanda Ponce

Sample ID: S/W BATTERY PT #3 @ 2' (H301795-03)

BTEX 8021B		mg/kg		Analyzed By: DW				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.310	0.050	07/31/2013	ND	2.16	108	2.00	18.1		
Toluene*	0.292	0.050	07/31/2013	ND	2.20	110	2.00	14.6		
Ethylbenzene*	0.465	0.050	07/31/2013	ND	2.34	117	2.00	13.0		
Total Xylenes*	1.01	0.150	07/31/2013	ND	7.07	118	6.00	12.5		
Total BTEX	2.07	0.300	07/31/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 186 % 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	6800	16.0	07/31/2013	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	23.6	10.0	07/30/2013	ND	186	93.0	200	3.32		
DRO >C10-C28	518	10.0	07/30/2013	ND	197	98.5	200	4.59		

Surrogate: 1-Chlorooctane 94.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 120 % 63.6-154

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Mike Snyder, Organic Supervisor

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder, Organic Supervisor



101 East Marland, Hobbs, NM 88240
 (576) 393-2326 FAX (576) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Hungry Heart LLC</i> Project Manager: <i>Debra Coyle</i> Address: <i>2558 Eunice Hwy</i> City: <i>Hobbs</i> State: <i>NM</i> Zip: <i>88241</i> Phone #: Fax #: Project #: Project Owner: <i>Torro Operating</i> Project Name: Project Location: <i>Hobbs Battery (S/W Battery)</i> Sampler Name:		P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:	
FOR LAB USE ONLY		BILTO	
Lab I.D. H301795		Sample I.D.	
Matrix GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		Preserv ICE / COOL ACID/BASE OTHER:	
# CONTAINERS (G)RAB OR (C)OMP.		SAMPLING DATE TIME	
1 S/W Battery Pt # 102' G		X 7:30 3:20 X TPA, CL, BTEX	
2 S/W Battery Pt # 202' G		X 7:30 3:25 X X	
3 S/W Battery Pt # 302' G		X 7:30 3:30 X X	

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Relinquished By: *[Signature]* **Date:** *7-30-13* **Time:** *3:55*

Received By: *[Signature]* **Date:** *7-30-13* **Time:** *3:55*

Delivered By: (Circle One) *[Signature]*

Sampler - UPS - Bus - Other: *31.6 #54*

Checked By: *[Signature]*

REMARKS: *Sample taken and brought straight to lab*
Qfrayre@hungry-heart.com
tt frush

Phone Result: Yes No **Add'l Phone #:**
Fax Result: Yes No **Add'l Fax #:**

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



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

August 16, 2013

OSCAR FRAYRE

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: HOBBS BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/15/13 15:15.

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

Analytical Results For:

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

Received:	08/15/2013	Sampling Date:	08/15/2013
Reported:	08/16/2013	Sampling Type:	Soil
Project Name:	HOBBS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 1 @ 1.5' (H301946-01)

BTEX 82608		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2013	ND	2.03	102	2.00	3.04		
Toluene*	<0.050	0.050	08/16/2013	ND	2.08	104	2.00	2.63		
Ethylbenzene*	<0.050	0.050	08/16/2013	ND	2.02	101	2.00	1.95		
Total Xylenes*	<0.150	0.150	08/16/2013	ND	6.03	101	6.00	1.89		
Total BTEX	<0.300	0.300	08/16/2013	ND						

Surrogate: Dibromofluoromethane	95.0 %	61.3-142
Surrogate: Toluene-d8	103 %	71.3-129
Surrogate: 4-Bromofluorobenzene	102 %	65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/16/2013	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	08/16/2013	ND	171	85.5	200	0.974		
DRO >C10-C28	234	10.0	08/16/2013	ND	179	89.5	200	1.31		

Surrogate: 1-Chlorooctane	87.0 %	65.2-140
Surrogate: 1-Chlorooctadecane	108 %	63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 08/15/2013
 Reported: 08/16/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 08/15/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 2 @ 2' (H301946-02)
BTEX 8260B
mg/kg
Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/16/2013	ND	2.03	102	2.00	3.04	
Toluene*	<0.050	0.050	08/16/2013	ND	2.08	104	2.00	2.63	
Ethylbenzene*	<0.050	0.050	08/16/2013	ND	2.02	101	2.00	1.95	
Total Xylenes*	<0.150	0.150	08/16/2013	ND	6.03	101	6.00	1.89	
Total BTEX	<0.300	0.300	08/16/2013	ND					

Surrogate: Dibromofluoromethane 95.3 % 61.3-142

Surrogate: Toluene-d8 104 % 71.3-129

Surrogate: 4-Bromofluorobenzene 103 % 65.7-141

Chloride, SM4500CI-B
mg/kg
Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/16/2013	ND	432	108	400	0.00	

TPH 8015M
mg/kg
Analyzed By: DW
S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	08/16/2013	ND	171	85.5	200	0.974	
DRO >C10-C28	3120	50.0	08/16/2013	ND	179	89.5	200	1.31	

Surrogate: 1-Chlorooctane 75.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 181 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 08/15/2013
 Reported: 08/16/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 08/15/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 3 @ 2' (H301946-03)

BTEX 8260B		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2013	ND	2.03	102	2.00	3.04		
Toluene*	<0.050	0.050	08/16/2013	ND	2.08	104	2.00	2.63		
Ethylbenzene*	<0.050	0.050	08/16/2013	ND	2.02	101	2.00	1.95		
Total Xylenes*	<0.150	0.150	08/16/2013	ND	6.03	101	6.00	1.89		
Total BTEX	<0.300	0.300	08/16/2013	ND						

Surrogate: Dibromofluoromethane 96.2 % 61.3-142
 Surrogate: Toluene-d8 101 % 71.3-129
 Surrogate: 4-Bromofluorobenzene 196 % 65.7-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: DW				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/16/2013	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: DW				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<100	100	08/16/2013	ND	171	85.5	200	0.974		
DRO >C10-C28	10700	100	08/16/2013	ND	179	89.5	200	1.31		

Surrogate: 1-Chlorooctane 85.1 % 65.2-140
 Surrogate: 1-Chlorooctadecane 495 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 08/15/2013
 Reported: 08/16/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 08/15/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 4 @ 2' (H301946-04)

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/16/2013	ND	2.03	102	2.00	3.04	
Toluene*	<0.050	0.050	08/16/2013	ND	2.08	104	2.00	2.63	
Ethylbenzene*	<0.050	0.050	08/16/2013	ND	2.02	101	2.00	1.95	
Total Xylenes*	<0.150	0.150	08/16/2013	ND	6.03	101	6.00	1.89	
Total BTEX	<0.300	0.300	08/16/2013	ND					

Surrogate: Dibromofluoromethane 94.6 % 61.3-142
 Surrogate: Toluene-d8 102 % 71.3-129
 Surrogate: 4-Bromofluorobenzene 139 % 65.7-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/16/2013	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: DW						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<200	200	08/16/2013	ND	171	85.5	200	0.974		
DRO >C10-C28	6650	200	08/16/2013	ND	179	89.5	200	1.31		

Surrogate: 1-Chlorooctane 83.3 % 65.2-140
 Surrogate: 1-Chlorooctadecane 263 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 08/15/2013
 Reported: 08/16/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 08/15/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 5 @ 2' (H301946-05)
BTEX 8260B

mg/kg

Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/16/2013	ND	2.03	102	2.00	3.04	
Toluene*	<0.050	0.050	08/16/2013	ND	2.08	104	2.00	2.63	
Ethylbenzene*	<0.050	0.050	08/16/2013	ND	2.02	101	2.00	1.95	
Total Xylenes*	<0.150	0.150	08/16/2013	ND	6.03	101	6.00	1.89	
Total BTEX	<0.300	0.300	08/16/2013	ND					

Surrogate: Dibromofluoromethane 94.8 % 61.3-142

Surrogate: Toluene-d8 103 % 71.3-129

Surrogate: 4-Bromofluorobenzene 103 % 65.7-141

Chloride, SM4500Cl-B

mg/kg

Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/16/2013	ND	432	108	400	0.00	

TPH 8015M

mg/kg

Analyzed By: DW

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/16/2013	ND	171	85.5	200	0.974	
DRO >C10-C28	127	10.0	08/16/2013	ND	179	89.5	200	1.31	

Surrogate: 1-Chlorooctane 87.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 104 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 08/15/2013
 Reported: 08/16/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 08/15/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 6 @ 2.5' (H301946-06)

BTEX 82608		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2013	ND	2.03	102	2.00	3.04		
Toluene*	0.223	0.050	08/16/2013	ND	2.08	104	2.00	2.63		
Ethylbenzene*	0.193	0.050	08/16/2013	ND	2.02	101	2.00	1.95		
Total Xylenes*	2.77	0.150	08/16/2013	ND	6.03	101	6.00	1.89		
Total BTEX	3.19	0.300	08/16/2013	ND						

Surrogate: Dibromofluoromethane 97.0 % 61.3-142
 Surrogate: Toluene-d8 118 % 71.3-129
 Surrogate: 4-Bromofluorobenzene 203 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	08/16/2013	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<50.0	50.0	08/16/2013	ND	171	85.5	200	0.974		
DRO >C10-C28	975	50.0	08/16/2013	ND	179	89.5	200	1.31		

Surrogate: 1-Chlorooctane 89.1 % 65.2-140
 Surrogate: 1-Chlorooctadecane 118 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 08/15/2013
 Reported: 08/16/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 08/15/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: PT. 7 @ 2.5' (H301946-07)

BTEX 8260B		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2013	ND	2.03	102	2.00	3.04		
Toluene*	<0.050	0.050	08/16/2013	ND	2.08	104	2.00	2.63		
Ethylbenzene*	<0.050	0.050	08/16/2013	ND	2.02	101	2.00	1.95		
Total Xylenes*	<0.150	0.150	08/16/2013	ND	6.03	101	6.00	1.89		
Total BTEX	<0.300	0.300	08/16/2013	ND						

Surrogate: Dibromofluoromethane 95.2 % 61.3-142
 Surrogate: Toluene-d8 102 % 71.3-129
 Surrogate: 4-Bromofluorobenzene 223 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/16/2013	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: DW				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<200	200	08/16/2013	ND	171	85.5	200	0.974		
DRO >C10-C28	29500	200	08/16/2013	ND	179	89.5	200	1.31		

Surrogate: 1-Chlorooctane 146 % 65.2-140
 Surrogate: 1-Chlorooctadecane 1090 % 63.6-154

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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
 (875) 393-2326 FAX (875) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Hungry Horse LLC P.O. #: ANALYSIS REQUEST

Project Manager: Oscar Freyre Company:

Address: PO Box 1058 Eunice Hwy Attn:

City: Hobbs State: N.M. Zip: 88241 Address:

Phone #: 575 1631-0983 Fax #: City: State: Zip:

Project #: Project Owner: Terra Oper.

Project Name: State: Phone #:

Project Location: Hobbs Battery Phone #: Fax #:

Sampler Name: Oscar Freyre Matrix: PRESERV: SAMPLING:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	CL	TCH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE					
H301946	Main BATTERY												
1	main Battery PT 1.5.0.1		1					8-15	1:20	X	X	X	
2	main Battery PT 2.0.1		1					8-15	1:25	X	X	X	
3	main Battery PT 3.0.1		1					8-15	1:30	X	X	X	
4	main Battery PT 4.0.1		1					8-15	1:35	X	X	X	
5	main Battery PT 5.0.1		1					8-15	1:40	X	X	X	
6	main Battery, P1.0.2.5		1					8-15	1:45	X	X	X	
7	main Battery, P1.0.2.5		1					8-15	1:50	X	X	X	

PLEASE NOTE: Liability and Damages, Cardinal's liability and clients' 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 90 days after completion of 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 90 days after completion of 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 90 days after completion of the analysis.

Relinquished By: [Signature] Date: 8-15-13 Time: 3:15 Received By: [Signature]

Delivered By: (Circle One) 2460 Sample Condition: CHECKS BY: [Signature]

Sampler - UPS - Bus - Other: Cool Inlet: Yes No

Phone Result: Yes No Add'l Phone #:

REMARKS: V Bacc @hungry-horse.com
O Freyre @hungry-horse.com
T Salinas @hungry-horse.com
Chris Sensen @cces.hostipilot.com

September 25, 2013

OSCAR FRAYRE

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: HOBBS BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/23/13 10:00.

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

Analytical Results For:

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

Received:	09/23/2013	Sampling Date:	09/19/2013
Reported:	09/25/2013	Sampling Type:	Soil
Project Name:	HOBBS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	SOUTHWEST BATTERY	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SW BATTERY SOIL BORE @10' (H302304-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/24/2013	ND	416	104	400	3.77		

Sample ID: SW BATTERY SOIL BORE @50' (H302304-02)

Chloride, SM4500CI-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	09/24/2013	ND	416	104	400	3.77		

Sample ID: SW BATTERY SOIL BORE @100' (H302304-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/24/2013	ND	416	104	400	3.77		

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 waived 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, its subsidiaries, affiliates or successors arising out of or related to the performance 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. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 09/23/2013
 Reported: 09/25/2013
 Project Name: HOBBS BATTERY
 Project Number: SOUTHWEST BATTERY
 Project Location: LEA COUNTY, NM

 Sampling Date: 09/19/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SW BATTERY SOIL BORE @131' (H302304-04)

BTEX 8021B		mg/kg		Analyzed By: MS				A-01a		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/23/2013	ND	1.90	95.0	2.00	8.98		
Toluene*	<0.050	0.050	09/23/2013	ND	2.01	100	2.00	8.85		
Ethylbenzene*	<0.050	0.050	09/23/2013	ND	2.11	105	2.00	8.63		
Total Xylenes*	<0.150	0.150	09/23/2013	ND	6.35	106	6.00	8.10		
Total BTEX	<0.300	0.300	09/23/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 128 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/24/2013	ND	416	104	400	3.77		

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	09/23/2013	ND	199	99.4	200	0.186		
DRO >C10-C28	<10.0	10.0	09/23/2013	ND	194	97.0	200	0.388		

Surrogate: 1-Chlorooctane 101 % 65.2-140

Surrogate: 1-Chlorooctadecane 109 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- A-01a Surrogates failed QC limits, High. No target compounds detected above PQL.
- A-01 BFB surrogate failed high. No target compounds detected in associated samples.
- 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 SM4500C-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: <u>Boysen Horse LLC</u> Project Manager: <u>Debra Frye</u> Address: <u>1058 S. Fowler Hwy</u> City: <u>Hobbs</u> State: <u>N.M.</u> Zip: <u>88240</u> Phone #: <u>575-1631-0983</u> Fax #: _____ Project #: _____ Project Owner: <u>Tara Sparks</u> Project Name: <u>Hobbs Battery</u> City: _____ State: _____ Zip: _____ Project Location: <u>South West Rotary</u> Phone #: _____ Sampler Name: <u>Debra Frye</u> Fax #: _____ <small>FOR LAB USE ONLY</small>		P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____												
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:				ICE / COOL
<u>H300924</u>	<u>1</u>	<u>1</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>9-19</u>	<u>4:00</u>	<u>CU,</u>				
	<u>2</u>	<u>1</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>9-19</u>	<u>4:10</u>	<u>TpH 8015m,</u>				
	<u>3</u>	<u>1</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>9-19</u>	<u>4:15</u>	<u>BTEX,</u>				
	<u>4</u>	<u>1</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>9-19</u>	<u>4:30</u>	<u>X</u>				

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the services. All claims including those for negligence and any other claims whatsoever shall be deemed waived unless made in writing and received by Cardinal within 90 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, and/or out of or related to the performance of any and/or any other services provided by Cardinal, its subsidiaries, affiliates or successors.

Relinquished By: [Signature] Date: 9-23-03 Received By: [Signature] Date: 10:00
 Relinquished By: [Signature] Date: _____ Received By: [Signature] Date: _____

Delivered By: (Circle One) UPS 5.40
 Cooler Intact: Yes No
 Sample Condition: Yes No
 Checked By: [Signature]

REMARKS:
Frye @ hurray-horse.com
Selinas @ hurray-horse.com

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 #54



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

October 08, 2013

OSCAR FRAYRE

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: HOBBS BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/01/13 16:05.

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,

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

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	10/01/2013	Sampling Date:	10/01/2013
Reported:	10/08/2013	Sampling Type:	Soil
Project Name:	HOBBS BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: MAIN BATT SOIL BORE @ 10' (H302384-01)

Chloride, SM4500CI-B	mg/kg	Analyzed By: GR							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2013	ND	416	104	400	0.00	

Sample ID: MAIN BATT SOIL BORE @ 30' (H302384-02)

Chloride, SM4500CI-B	mg/kg	Analyzed By: GR							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	10/03/2013	ND	416	104	400	0.00	

Sample ID: MAIN BATT SOIL BORE @ 55' (H302384-03)

Chloride, SM4500CI-B	mg/kg	Analyzed By: GR							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	10/03/2013	ND	416	104	400	0.00	

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 10/01/2013
 Reported: 10/08/2013
 Project Name: HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 10/01/2013
 Sampling Type: Water
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: MAIN BATT MONITOR WELL @ 60' (H302384-04)

BTEX 8021B		mg/L		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.722	0.010	10/04/2013	ND	0.055	110	0.0500	2.70		
Toluene*	0.992	0.010	10/04/2013	ND	0.052	104	0.0500	3.69		
Ethylbenzene*	0.097	0.010	10/04/2013	ND	0.052	104	0.0500	3.53		
Total Xylenes*	0.196	0.030	10/04/2013	ND	0.160	107	0.150	3.99		
Total BTEX	2.01	0.060	10/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 112 % 89.5-126

Chloride, SM4500Cl-B		mg/L		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	8000	4.00	10/07/2013	ND	104	104	100	0.00		

TPH 8015M		mg/L		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	3.96	1.00	10/04/2013	ND	41.6	83.3	50.0	6.47		
DRO >C10-C28	<1.00	1.00	10/04/2013	ND	47.5	95.0	50.0	7.47		
EXT DRO >C28-C35	<1.00	1.00	10/04/2013	ND	0.760		0.00			

Surrogate: 1-Chlorooctane 77.1 % 48.7-164

Surrogate: 1-Chlorooctadecane 92.7 % 54.8-165

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

Cardinal Laboratories

*=Accredited Analyte

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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: <u>Agost Huse</u>		P.O. #:		BILL TO		ANALYSIS REQUEST							
Project Manager: <u>Oscar Frayre</u>		Company:											
Address: <u>1058 Emie Hwy</u>		City: <u>Hobbs</u>		State: <u>NM</u>		Zip: <u>88240</u>							
Phone #: _____		Fax #: _____		Project Owner: <u>Tom Spitzer</u>		City: _____							
Project #: _____		Project Name: _____		State: _____		Zip: _____							
Project Location: <u>Hobbs Battery</u>		Sample Name: <u>Oscar Frayre</u>		Phone #: _____		Fax #: _____							
FOR LAB USE ONLY				PRESERV		SAMPLING							
Lab I.D. <u>H302384</u>		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		DATE		TIME	
1		Main Batt Soil @ 10'		1		1		GROUNDWATER		10-1		2:10	
2		Main Batt Soil @ 30'		1		1		WASTEWATER		10-1		2:15	
3		Main Batt Soil @ 55'		1		1		SOIL		10-1		2:20	
4		Main Batt Soil @ 60'		5		5		OIL		10-1		3:00	
								SLUDGE					
								OTHER :					
								ACID/BASE:					
								ICE / COOL					
								OTHER :					

PLEASE NOTE: Liability and Damages: Cardinal's liability and damage coverage is 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 interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or persons acting on behalf 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: [Signature] Date: 10-1-13 Received By: [Signature] Date: 10-1-13
Time: 4:05 Relinquished By: [Signature] Received By: [Signature]

Delivered By: (Circle One) UPS Bike Sample Condition: Intact Damaged
Checked By: [Signature]

Phone Result: Yes No Add'l Phone #:
Fax Result: Yes No Add'l Fax #:
REMARKS: O Frayre @ Jerry - brown - com.

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2426

January 29, 2014

OSCAR FRAYRE

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: TORRO OPERATING HOBBS BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/23/14 15:35.

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
 OSCAR FRAYRE
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	01/23/2014	Sampling Date:	01/23/2014
Reported:	01/29/2014	Sampling Type:	Soil
Project Name:	TORRO OPERATING HOBBS BATTERY	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: N-W S-B @ 10' (H400225-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/24/2014	ND	416	104	400	0.00		

Sample ID: N-W S-B @ 30' (H400225-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	01/24/2014	ND	416	104	400	0.00		

Sample ID: N-W S-B @ 65' (H400225-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/24/2014	ND	416	104	400	0.00		

Sample ID: S-E S-B @ 5' (H400225-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	01/24/2014	ND	416	104	400	0.00		

Cardinal Laboratories

*=-Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	01/23/2014	Sampling Date:	01/23/2014
Reported:	01/29/2014	Sampling Type:	Soil
Project Name:	TORRO OPERATING HOBBS BATTERY	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: S-E S-B @ 10' (H400225-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	01/24/2014	ND	400	100	400	3.92		

Sample ID: S-E S-B @ 15' (H400225-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2320	16.0	01/24/2014	ND	400	100	400	3.92		

Sample ID: S-E S-B @ 20' (H400225-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2320	16.0	01/24/2014	ND	400	100	400	3.92		

Sample ID: S-E S-B @ 25' (H400225-08)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	01/24/2014	ND	400	100	400	3.92		

Sample ID: S-E S-B @ 30' (H400225-09)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	01/24/2014	ND	400	100	400	3.92		

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	01/23/2014	Sampling Date:	01/23/2014
Reported:	01/29/2014	Sampling Type:	Soil
Project Name:	TORRO OPERATING HOBBS BATTERY	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: S-E S-B @ 50' (H400225-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	01/24/2014	ND	400	100	400	3.92		

Sample ID: S-E S-B @ 65' (H400225-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	01/24/2014	ND	400	100	400	3.92		

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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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*=Accredited Analyte

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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

2-2

Company Name:		Project Manager:		P.O. #:		BILL TO		ANALYSIS REQUEST	
Address:		City:		State:		Zip:		Company:	
Phone #:		Fax #:		Project Owner:		City:		Address:	
Project #:		Project Name:		State:		Zip:		Phone #:	
Project Location:		Sampler Name:		Fax #:		PRESERV		SAMPLING	
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS	
H400125		HSE-5-B-C-65		6		GROUNDWATER		WASTEWATER	
						SOIL		OIL	
						SLUDGE		OTHER :	
						ACID/BASE:		ICE / COOL	
						OTHER :		DATE	
								TIME	
								1-23-10-12	
								CL,	
								TPH,	
								BTEX,	

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 claims 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, whether direct or indirect, or performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]* Date: 1-23-14
 Type: 3:35
 Received By: *[Signature]*
 Time: *[Signature]*

Delivered By: (Circle One) UPS Bus Other: 15.80
 Sample Condition: Cool Intact Yes No
 CHECKED BY: *[Signature]*
 Phone Result: Yes No
 Fax Result: Yes No
 Add'l Phone #: *[Signature]*
 Add'l Fax #: *[Signature]*

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 #54



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

January 29, 2014

OSCAR FRAYRE

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: TORRO OPERATING HOBBS BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/28/14 12:45.

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,

Caley D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

 Received: 01/28/2014
 Reported: 01/29/2014
 Project Name: TORRO OPERATING HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 01/28/2014
 Sampling Type: Water
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: NW MONITOR WELL @ 65' (H400266-01)

BTEX 8021B		mg/L		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.001	0.001	01/29/2014	ND	0.021	106	0.0200	2.01		
Toluene*	<0.001	0.001	01/29/2014	ND	0.022	108	0.0200	1.61		
Ethylbenzene*	<0.001	0.001	01/29/2014	ND	0.022	110	0.0200	0.563		
Total Xylenes*	<0.003	0.003	01/29/2014	ND	0.065	109	0.0600	1.07		
Total BTEX	<0.006	0.006	01/29/2014	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 89.5-126

Chloride, SM4500CI-B		mg/L		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	204	4.00	01/28/2014	ND	104	104	100	3.92		

TPH 8015M		mg/L		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<1.00	1.00	01/28/2014	ND	49.6	99.3	50.0	0.0222		
DRO >C10-C28	<1.00	1.00	01/28/2014	ND	45.8	91.6	50.0	3.33		
EXT DRO >C28-C35	<1.00	1.00	01/28/2014	ND						

Surrogate: 1-Chlorooctane 85.9 % 48.7-164

Surrogate: 1-Chlorooctadecane 89.0 % 54.8-165

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 01/28/2014
 Reported: 01/29/2014
 Project Name: TORRO OPERATING HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 01/28/2014
 Sampling Type: Water
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: CENTER MONITOR WELL @ 65' (H400266-02)

BTEX 8021B		mg/L		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.021	0.001	01/29/2014	ND	0.021	106	0.0200	2.01	
Toluene*	0.020	0.001	01/29/2014	ND	0.022	108	0.0200	1.61	
Ethylbenzene*	0.002	0.001	01/29/2014	ND	0.022	110	0.0200	0.563	
Total Xylenes*	0.006	0.003	01/29/2014	ND	0.065	109	0.0600	1.07	
Total BTEX	0.048	0.006	01/29/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 108 % 89.5-126

Chloride, SM4500Cl-B		mg/L		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	6200	4.00	01/28/2014	ND	104	104	100	3.92	

TPH 8015M		mg/L		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<2.00	2.00	01/28/2014	ND	49.6	99.3	50.0	0.0222	
DRO >C10-C28	2.25	2.00	01/28/2014	ND	45.8	91.6	50.0	3.33	
EXT DRO >C28-C35	<2.00	2.00	01/28/2014	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.7-164

Surrogate: 1-Chlorooctadecane 88.4 % 54.8-165

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	01/28/2014	Sampling Date:	01/28/2014
Reported:	01/29/2014	Sampling Type:	Water
Project Name:	TORRO OPERATING HOBBS BATTERY	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SE MONITOR WELL @ 65' (H400266-03)

BTEX 8021B		mg/L		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.001	0.001	01/29/2014	ND	0.021	106	0.0200	2.01		
Toluene*	<0.001	0.001	01/29/2014	ND	0.022	108	0.0200	1.61		
Ethylbenzene*	<0.001	0.001	01/29/2014	ND	0.022	110	0.0200	0.563		
Total Xylenes*	<0.003	0.003	01/29/2014	ND	0.065	109	0.0600	1.07		
Total BTEX	<0.006	0.006	01/29/2014	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 112 % 89.5-126

Chloride, SM4500Cl-B		mg/L		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride*	6400	4.00	01/28/2014	ND	104	104	100	3.92		

TPH 8015M		mg/L		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<2.00	2.00	01/28/2014	ND	49.6	99.3	50.0	0.0222		
DRO >C10-C28	<2.00	2.00	01/28/2014	ND	45.8	91.6	50.0	3.33		
EXT DRO >C28-C35	<2.00	2.00	01/28/2014	ND						

Surrogate: 1-Chlorooctane 109 % 48.7-164

Surrogate: 1-Chlorooctadecane 108 % 54.8-165

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

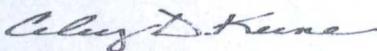
Notes and Definitions

- 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

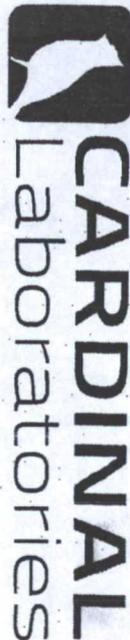
Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Henry Hesse LLC</u>		P.O. #:	
Project Manager: <u>Scott Payne</u>		Company:	
Address: <u>325 S. Elm Hwy</u>		Attn:	
City: <u>Hobbs</u>		Address:	
State: <u>NM</u> Zip: <u>88240</u>		City:	
Phone #: <u>575-631-0583</u> Fax #:		State:	
Project #: _____		Zip:	
Project Name: _____		Phone #:	
Project Location: <u>Hobbs Batching</u>		Fax #:	
Sampler Name: <u>Scott Payne</u>		PRESERV	
FOR LAB USE ONLY		SAMPLING	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CC	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:					
H400267	1 N-W M/W O&S'		0							12-28	11:52	X	X	X
	2 Center M/W O&S'		0							12-28	12:05	X	X	X
	3 S-E M/W O&S'		0							12-24	12:30	X	X	X

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Requisitioned By: [Signature] Date: 12-14 Time: 12:45 Received By: [Signature] Date: 12-14 Time: 12:45

Delivered By: (Circle One) UPS 18:20 Sample Condition: Cool Intact Yes No

Checked By: [Signature]

REMARKS: Of page 2 -> @ Henry-hesse.com
T-Saltas
PUSH!!
Samples just taken & analyzed

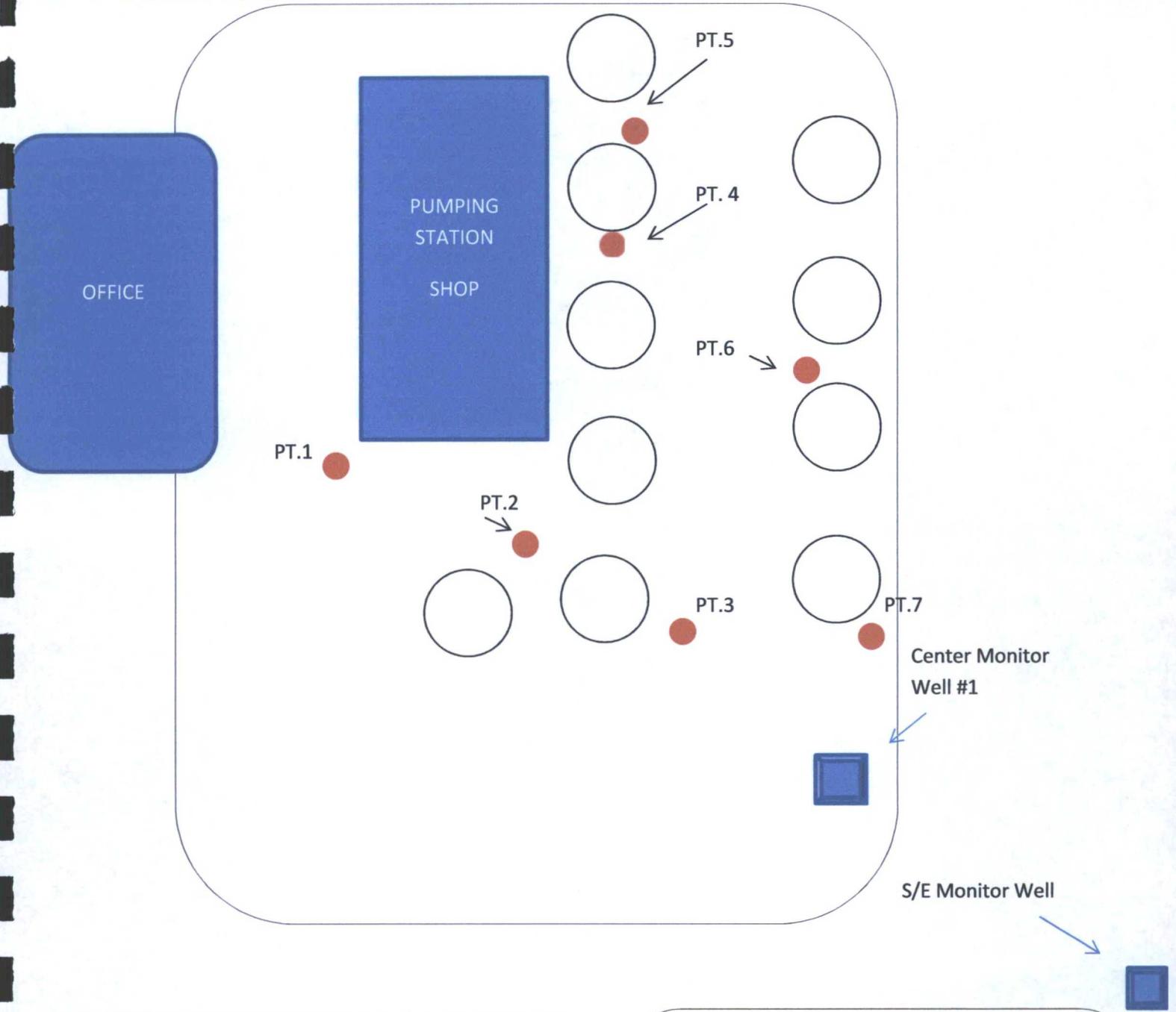


N/W Monitor well

TORRO OPERATING

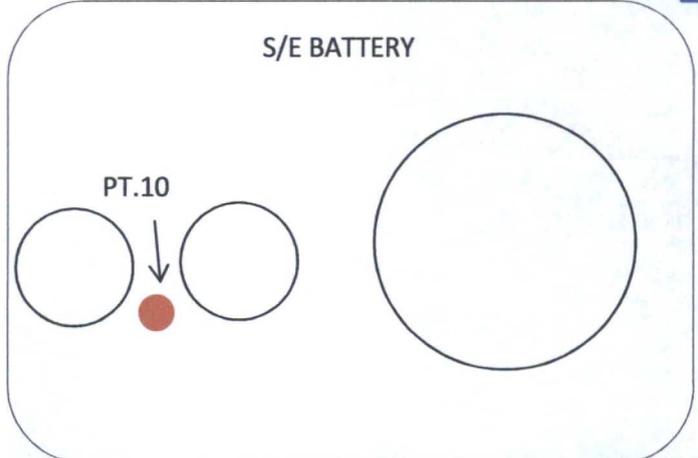
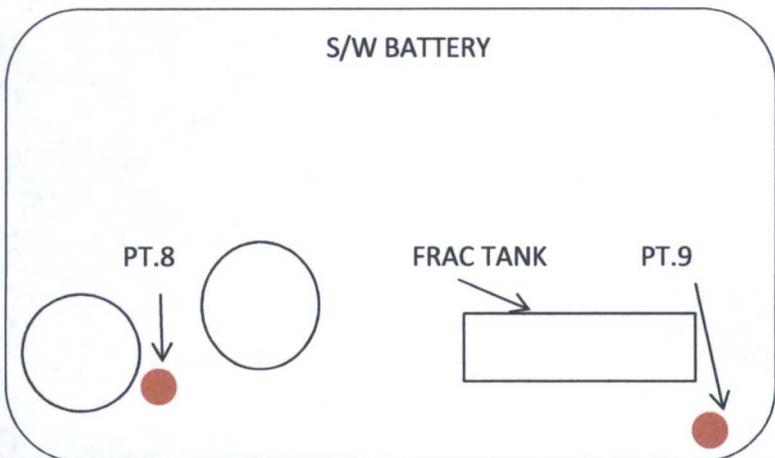
HOBBS BATTERY

THE MAIN BATTERY



S/W BATTERY

S/E BATTERY



HUNGRY HORSE, LLC
ENVIRONMENTAL SERVICES

Dirt Work * On-Site Remediation * Soil Testing * Excavation



P.O. Box 1058 * Hobbs New Mexico * Office 575-393-3386 * Fax 575-391-4585

HUNGRY HORSE, LLC
ENVIRONMENTAL SERVICES

Main Battery Facing North Excavation @2'



Dirt Work * On-Site Remediation * Soil Testing * Excavation



HUNGRY HORSE, LLC
ENVIRONMENTAL SERVICES



Dirt Work * On-Site Remediation * Soil Testing * Excavation



HUNGRY HORSE, LLC
ENVIRONMENTAL SERVICES

Main Battery Facing North Excavation @2'

Dirt Work

On-Site Remediation

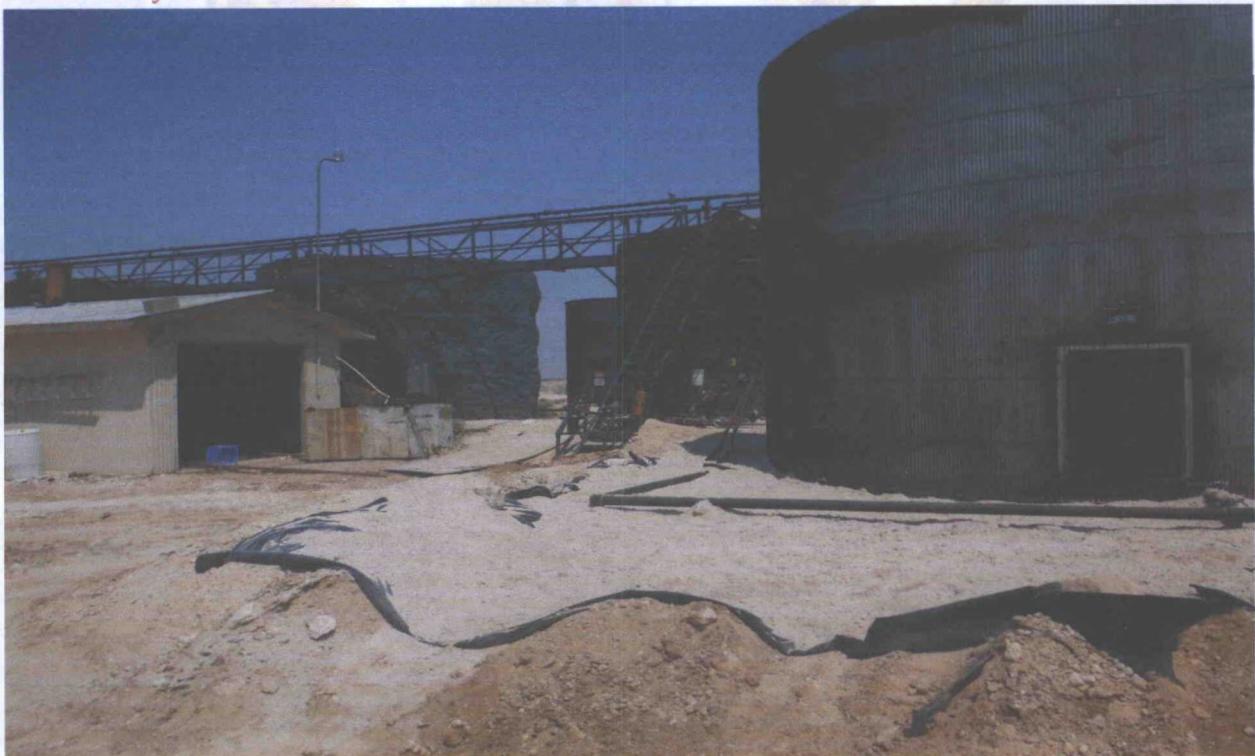
Soil Testing

Excavation

S/W Battery Plastic Liner at @3'BGS



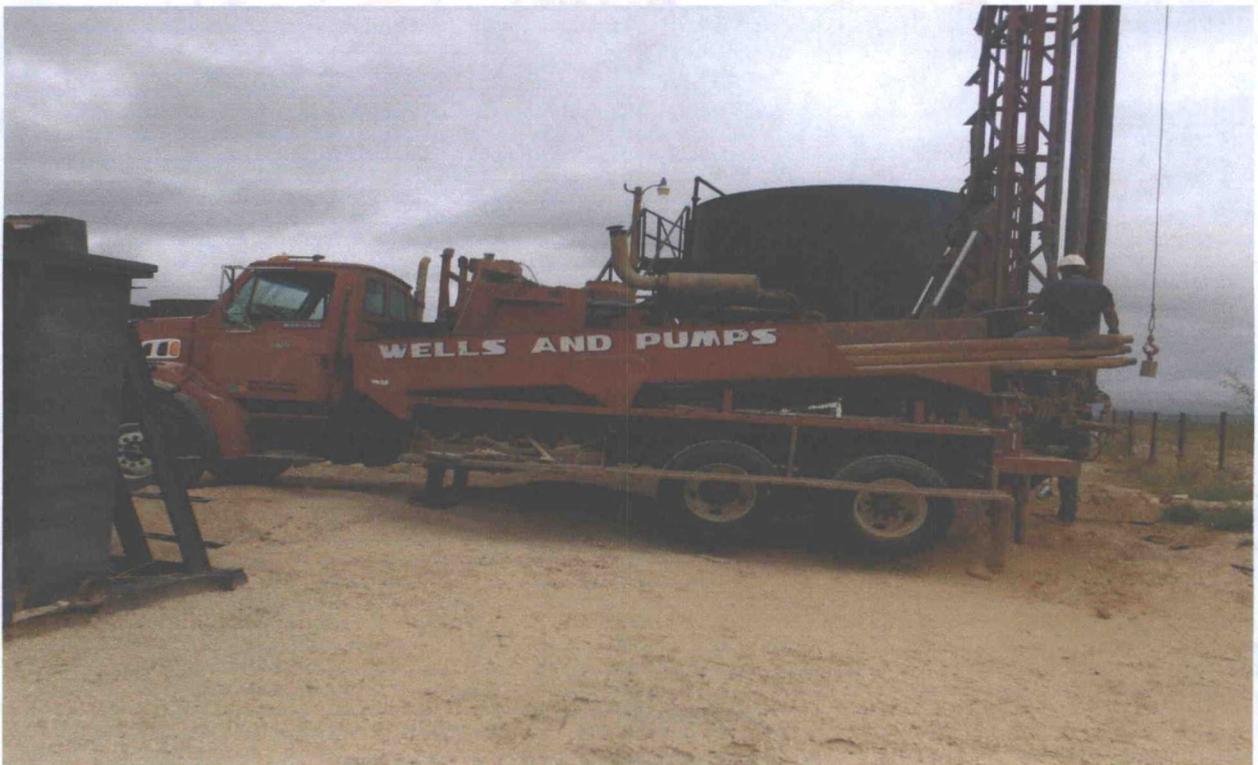
Main Battery Plastic Liner @3'BGS



HUNGRY HORSE, LLC
ENVIRONMENTAL SERVICES



Dirt Work * On-Site Remediation * Soil Testing * Excavation



Scott A. Verhines, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 532937
File Nbr: L 13398 POD1,2 EXPL

Aug. 26, 2013

OSCAR FRAYRE
TORRO OPERATING
PO BOX 1058
HOBBS, NM 88241

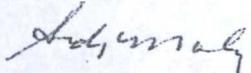
Greetings:

Enclosed is your copy of the above numbered permit that has been approved subject to the conditions set forth on the approval page. In accordance with the conditions of approval, the well can only be tested for 10 cumulative days, and the well is to be plugged on or before 08/31/2014, unless a permit to use the water is acquired from this office.

A Well Record & Log (OSE Form wr-20) shall be filed in this office within twenty (20) days after completion of drilling, but no later than 08/31/2014.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us or will be mailed upon request.

Sincerely,


Andy Morley
(575) 622-6521

Enclosure



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code		basin County				Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
	64	16	4	Q	Q	Q								
L 02239	L	LE	1	2	14	20S	38E	676732	3606127*	90	38	52		
L 08514	L	LE	4	1	1	14	20S	38E	676027	3606013*	60			

Average Depth to Water: **38 feet**
 Minimum Depth: **38 feet**
 Maximum Depth: **38 feet**

Record Count: 2

PLSS Search:

Section(s): 14

Township: 20S

Range: 38E

*UTM location was derived from PLSS - see help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NUMBER (WELL NUMBER) L-13398 POD 1				OSE FILE NUMBER(S) L-13398 POD 1			
WELL OWNER NAME(S) TORRO OPERATING				PHONE (OPTIONAL) 303-956-8455			
WELL OWNER MAILING ADDRESS 240 ST PAUL STREET, STE 305				CITY DENVER		STATE ZIP CO 80206	
WELL LOCATION (FROM GPS)	DEGREES		MINUTES		SECONDS		* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84
	LATITUDE	32	34	37.5	N		
	LONGITUDE	103	7	26.8	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							

2. DRILLING & CASING INFORMATION

LICENSE NUMBER WD1682		NAME OF LICENSED DRILLER JOHN NORRIS			NAME OF WELL DRILLING COMPANY HUNGRY HORSE LLC		
DRILLING STARTED 9-19-13	DRILLING ENDED 9-19-13	DEPTH OF COMPLETED WELL (FT) 60	BORE HOLE DEPTH (FT) 60	DEPTH WATER FIRST ENCOUNTERED (FT)			
COMPLETED WELL IS: <input type="radio"/> ARTESIAN <input type="radio"/> DRY HOLE <input checked="" type="radio"/> SHALLOW (UNCONFINED)				60			
DRILLING FLUID: <input type="radio"/> AIR <input type="radio"/> MUD ADDITIVES - SPECIFY:							
DRILLING METHOD: <input checked="" type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input type="radio"/> OTHER - SPECIFY:							
DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
FROM	TO						
0	60	2	PVC	GLUED	2	3/8	1/8

3. ANNULAR MATERIAL

DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
FROM	TO				
0	20		CEMENT & GROUT		TOP

New Mexico One Call
Locate Request Confirmation

Header Code: STANDARD LOCATE
Request Type:

Ticket No: 2013211744 Seq. No: 0

Update of:

Original Call Date:	05/22/2013	Time:	08:48:27 AM	OP: 240
Transmit Date:	05/22/2013	Time:	08:57:52 AM	
Work to Begin Date:	05/24/2013	Time:	08:48:00 AM	

Company: HUNGRY HORSE LLC
Contact Name: VERNON BLACK
Alternate Contact: OSCAR FRAYRE
Best Time to Call:
Cell Phone:
Email: vblack@hungry-horse.com

Contact Phone: (575)631-2253
Alternate Phone: (575)631-0983
Fax No: (575)391-4585
Pager No:

State: NM County: LEA City: RURAL LEA
Address: , HOBBS BATTERY
To Address:
Nearest Intersecting Street:
2nd Intersecting Street:
Subdivision:
Latitude: 32.57853250 Longitude: -103.12409350
Zip Code:
Grid:

Location of Work: PIPELINE REMEDIATION
:CR-314/W NADINE AND NM-18, S ON 18 3MI TRN L
0.1MI TRN R 0.1MI STRAIGHT TO LOC SPOT>>INSIDE
ENTIRE FENCED-IN AREA (500FTX500FT)

Remarks: H2S MONITOR REQUIRED

Type of Work: OIL/GAS-PIPELINE REPAIR

Private Property: Street: Overhead Lines: Blasting:
Easement: Mechanical Boring: Premarked:

Work Being Done For: TORO OPERATING

The following utility owners have been notified:

SUGS WNDSTRM USCHB AOILH

IMPORTANT CONFIRMATION NOTICE

Your fax request has been received and processed. It is your responsibility to review the information provided on this faxback confirmation ticket and ensure it has been correctly interpreted from your request. Notify us immediately of any corrections or errors. Acceptance of this faxback confirmation ticket means you accept responsibility for the accuracy of the information contained in the ticket and you agree to indemnify New Mexico One Call Systems, Inc. of all liability, claims, fees, or damages, including reasonable attorney fees arising from or resulting from the use of the information provided on this confirmation ticket.

New Mexico Law requires you to wait two working days from the date and time of this confirmation notice before you begin excavation. This request is valid for ten working days. Only the facility owners listed on this ticket will be notified.

You can check the Locate Status of this ticket and request other tickets by visiting the our website at www.nmonecall.org.