



January 29, 2014

OSCAR FRAYRE

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

HOBBS OCD

FEB 11 2014

RECEIVED

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,

Celey D. Keene

Lab Director/Quality Manager

JUN 09 2014

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: 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, SM4500Cl-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

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.



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	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: 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 (PID) 108 % 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*	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

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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:	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						

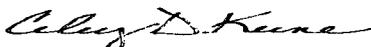
Surrogate: 1-Chlorooctane 109 % 48.7-164

Surrogate: 1-Chlorooctadecane 108 % 54.8-165

Cardinal Laboratories

*=Accredited Analyte

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Caley D. Keene, Lab Director/Quality Manager

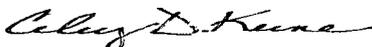
Notes and Definitions

- 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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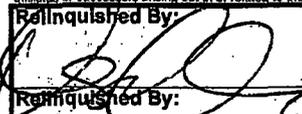
Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Hungry Horse LLC</u>				BILL TO				ANALYSIS REQUEST							
Project Manager: <u>Oscar Frayle</u>				P.O. #:											
Address: <u>1325 S. Linn Hwy</u>				Company:											
City: <u>Hobbs</u>		State: <u>NM</u>		Zip: <u>88240</u>		Attn:									
Phone #: <u>(575) 631-0583</u>		Fax #:		Address:											
Project #:		Project Owner: <u>Terra Op.</u>		City:											
Project Name:				State:		Zip:									
Project Location: <u>Hobbs Batten</u>				Phone #:											
Sampler Name: <u>Oscar Frayle</u>				Fax #:											
FOR LAB USE ONLY															
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX									PRESERV		SAMPLING	
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER				
H400267															
	1 N-W M/W @ 65'	6				X						12-28	11:52		
	2 Center M/W @ 65'	6				X						12-28	12:05		
	3 S-E M/W @ 65'	6				X						12-24	12:30		

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Relinquished By: 	Date: <u>1-28-14</u>	Received By: <u>Wendi Henson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <u>12:45</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS: <u>O. Frayle > @hungry-horse.com</u> <u>T. Salinas</u>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Temperature: <u>18.2°</u>	Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: <u>CH</u> RUSH!!	

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

#54 samples just taken & brought directly in lab.



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

HOBBS OCD

FEB 11 2014

RECEIVED

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,

A handwritten signature in cursive script that reads "Celey D. Keene".

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		

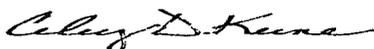
Sample ID: S-E S-B @ 5' (H400225-04)

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		

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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:	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	

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 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, SM4500CI-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, SM4500CI-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

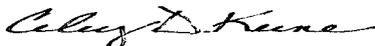
Notes and Definitions

- 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

Cardinal Laboratories

*= Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

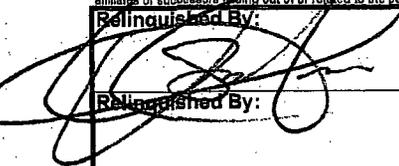
1-2
8

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Hungry Horse LLC</u>				BILL TO				ANALYSIS REQUEST															
Project Manager: <u>Oscar Fraigne</u>				P.O. #:																			
Address: <u>1308 South Eunice Hwy</u>				Company:																			
City: <u>Hobbs</u>		State: <u>N.M.</u>		Zip: <u>88240</u>		Attn:																	
Phone #: <u>393-3356</u>		Fax #: <u>397-4585</u>		Address:																			
Project #:		Project Owner: <u>Terra Oper.</u>		City:																			
Project Name: <u>Hobbs Battery</u>				State:				Zip:															
Project Location: <u>Hobbs W.M. Eunice Hwy</u>				Phone #:																			
Sampler Name: <u>Oscar Fraigne</u>				Fax #:																			
FOR LAB USE ONLY																							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		CL	TPH	BTEX							
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE				TIME						
<u>H400225</u>																							
<u>1</u>	<u>N-W S-B @ 10'</u>	<u>6</u>	<u>1</u>			<u>X</u>							<u>1-23-14</u>	<u>7:00am</u>	<u>X</u>								
<u>2</u>	<u>N-W S-B @ 30'</u>	<u>6</u>	<u>1</u>			<u>X</u>							<u>1-23-14</u>	<u>7:15</u>	<u>X</u>								
<u>3</u>	<u>N-W S-B @ 65'</u>	<u>6</u>	<u>1</u>			<u>X</u>							<u>1-23-14</u>	<u>7:45</u>	<u>X</u>								
<u>4</u>	<u>S-E S-B @ 5'</u>	<u>6</u>	<u>1</u>			<u>X</u>							<u>1-23-14</u>	<u>8:10</u>	<u>X</u>								
<u>5</u>	<u>S-E S-B @ 10'</u>	<u>6</u>	<u>1</u>			<u>X</u>							<u>1-23-14</u>	<u>8:25</u>	<u>X</u>								
<u>6</u>	<u>S-E S-B @ 15'</u>	<u>6</u>	<u>1</u>			<u>X</u>							<u>1-23-14</u>	<u>8:40</u>	<u>X</u>								
<u>7</u>	<u>S-E S-B @ 20'</u>	<u>6</u>	<u>1</u>			<u>X</u>							<u>1-23-14</u>	<u>9:10</u>	<u>X</u>								
<u>8</u>	<u>S-E S-B @ 25'</u>	<u>6</u>	<u>1</u>			<u>X</u>							<u>1-23-14</u>	<u>9:25</u>	<u>Y</u>								
<u>9</u>	<u>S-E S-B @ 30'</u>	<u>6</u>	<u>1</u>			<u>X</u>							<u>1-23-14</u>	<u>9:47</u>	<u>Y</u>								
<u>10</u>	<u>S-E S-B @ 50'</u>	<u>6</u>	<u>1</u>			<u>X</u>							<u>1-23-14</u>	<u>9:56</u>	<u>Y</u>								

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Relinquished By: 	Date: <u>1/23/14</u>	Received By: <u>Jodi Hanson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:	
	Time: <u>3:35</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:	
Relinquished By:	Date:	Received By:	REMARKS: <u>Oscar Fraigne @ hungry-horse.com</u> <u>T-Salinas @ hungry-horse.com</u>		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input checked="" type="checkbox"/> No	15.8°C	CHECKED BY: <u>JWH</u>		

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

#54

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1220 S. St. Francis Dr., Santa Fe, NM 87505

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

DEC 04 2013 Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
Revised 10/13/11 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	Jason Griffith
Address	Mile Marker 41.5, S. Hwy 18 Hobbs, New Mexico	Telephone No.	620-243-2507
Facility Name	Hobbs Station (Carpenter Station)	Facility Type	Crude Oil Tank Battery
Surface Owner	Toro Operating Company, Inc.	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° 34' 38.38 Longitude 103° 07' 25.84"

NATURE OF RELEASE

Type of Release	Crude Oil	Volume of Release	48 bbls	Volume Recovered	35 bbls
Source of Release	1,000 bbls Crude Oil Storage Tank	Date and Hour of Occurrence	November 20, 2013 - 2130 hours	Date and Hour of Discovery	November 20, 2013 - 2130 hours
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Geoffrey Leking - NMOCD Hobbs District Office		
By Whom?	Curt Stanley (NOVA Safety and Environmental) Agent	Date and Hour	November 21, 2013 - about 1530 hours		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

An equipment failure resulted in the release of crude oil from the crude oil storage tank. The incident is under investigation by High Sierra Transportation. The release occurred within an earthen containment and no liquids were released outside the containment. A vacuum truck was utilized to recover approximately 35 bbls of crude oil.

Describe Area Affected and Cleanup Action Taken. The area affected by the release measures less than forty (40) by forty-five (45) feet within the containment. An Environmental Contractor was retained to remediate the release to NMOCD Regulatory Guidelines.

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:	Jason Griffith	 Environmental Specialist	
Title:	EHS Specialist (High Sierra Transportation)	Approval Date:	12/04/13
		Expiration Date:	2/04/13
E-mail Address:	jgriffith@highsierraenergy.com	Conditions of Approval:	SUBMIT FINAL C-141 BY 02/04/13
Date:	12/4/13	Phone:	620-243-2507
		Attached	<input type="checkbox"/>
		IRP-12-13-2997	

* Attach Additional Sheets If Necessary

Year 1955 G.W. 38F+
Year 2012 250' + 1.5 miles away
Year 2013 Dry

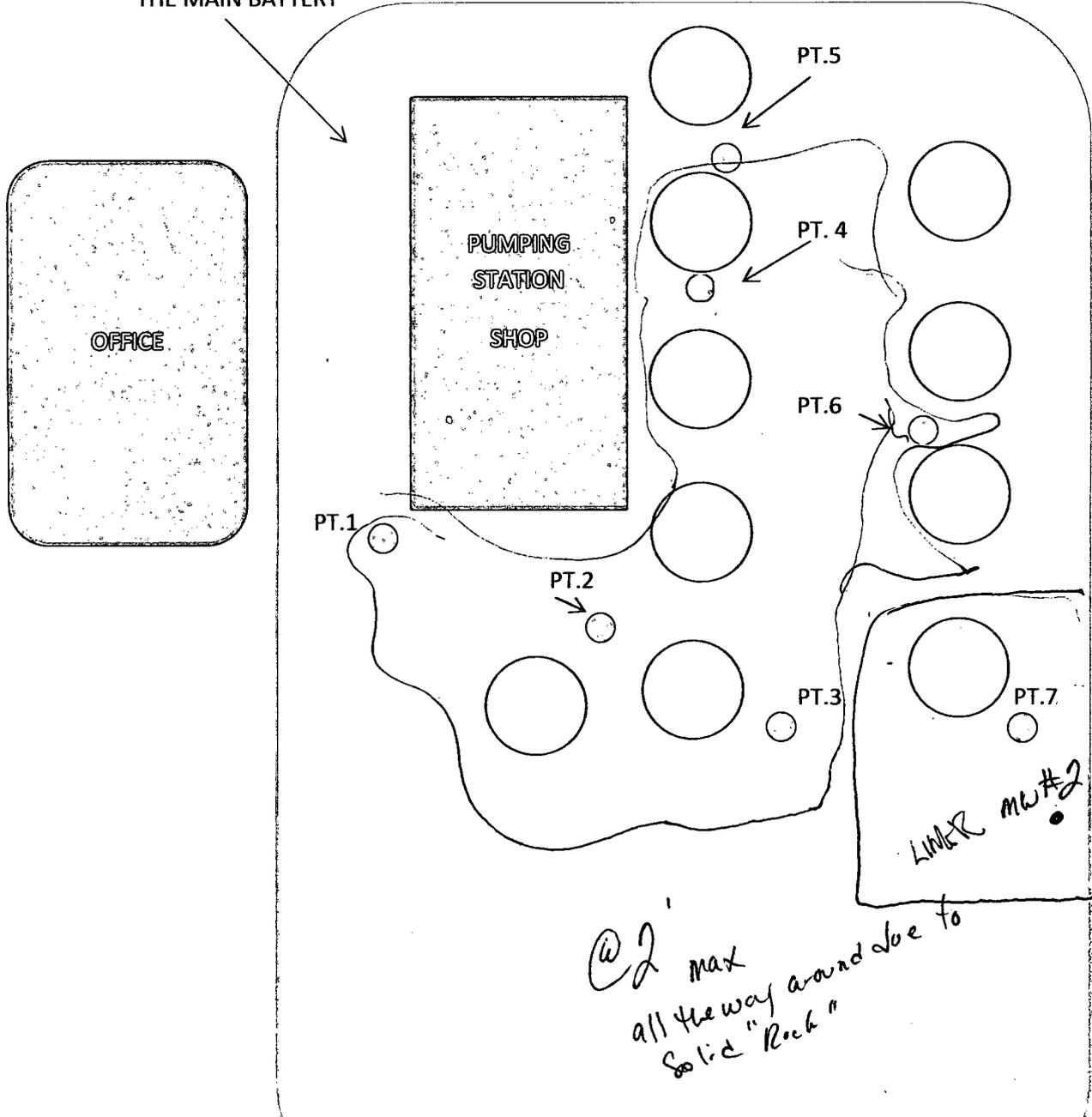
TORRO OPERATING



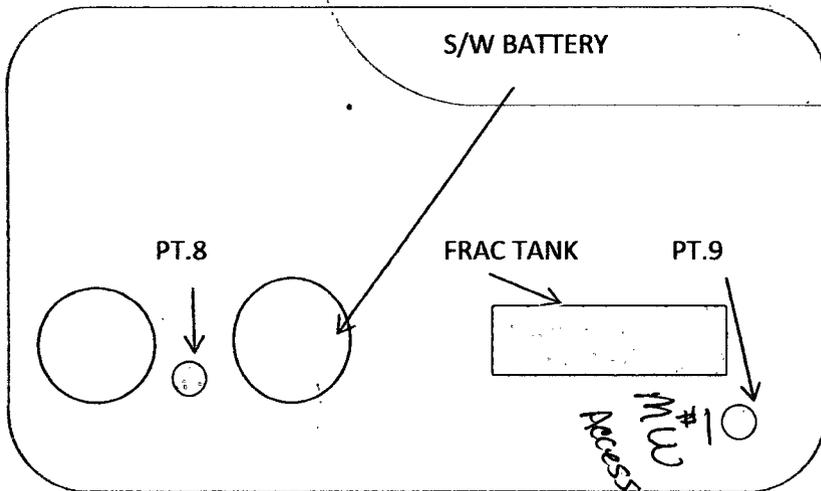
HOBBS BATTERY

6/3/2013

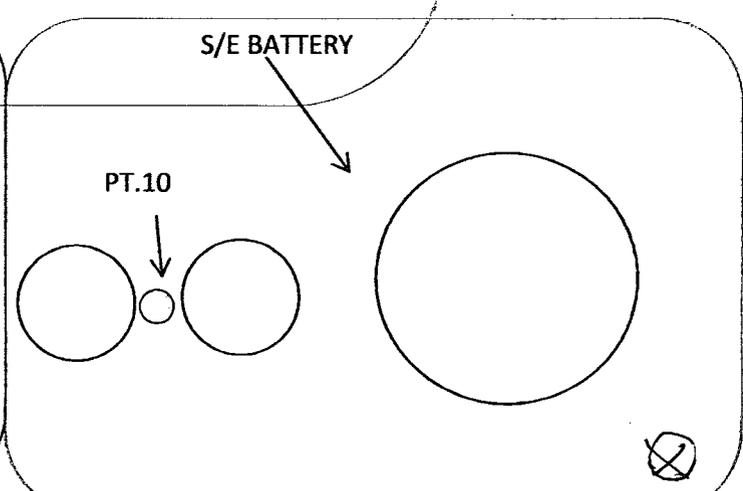
THE MAIN BATTERY

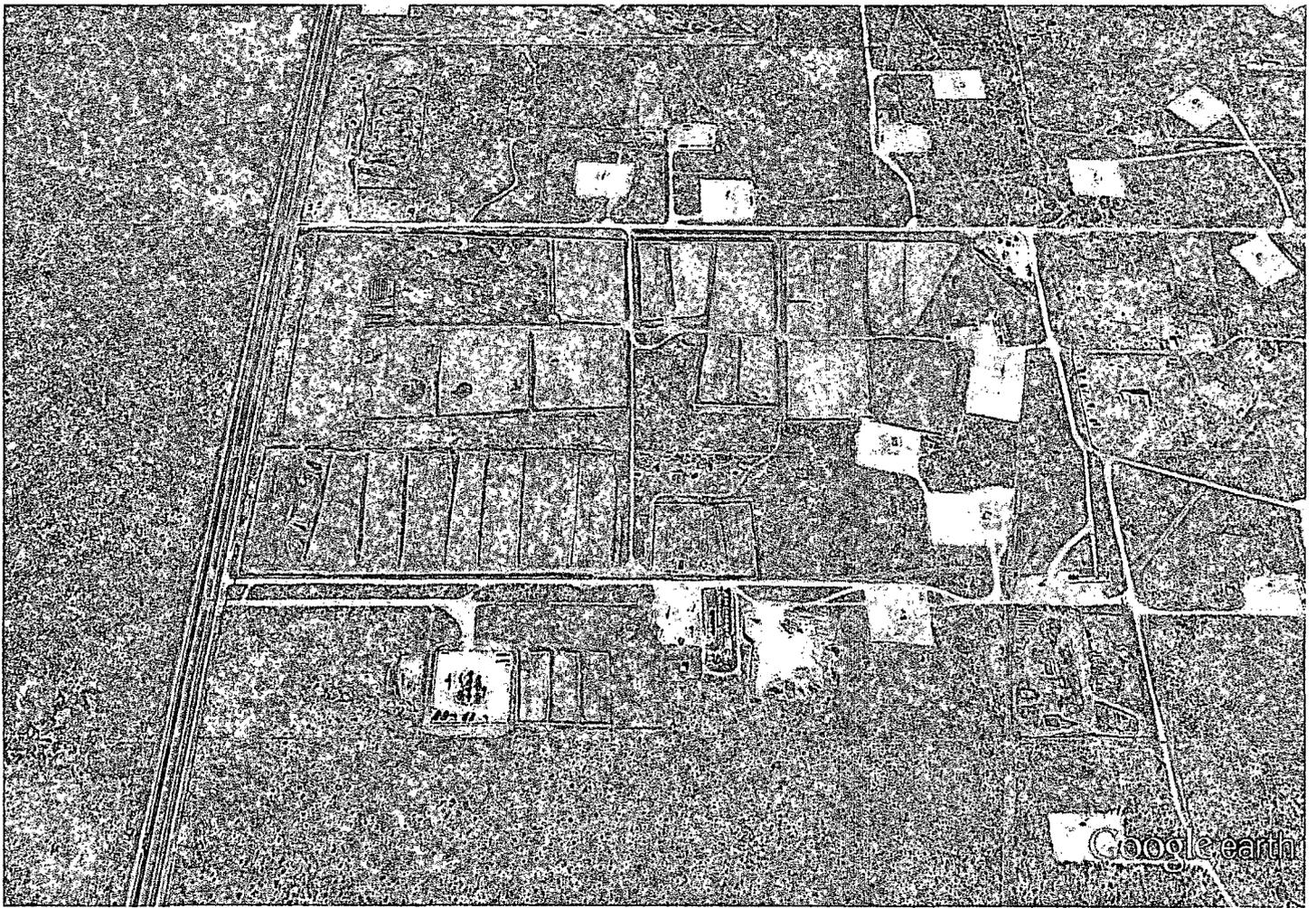


S/W BATTERY

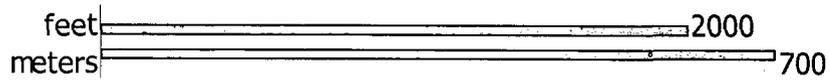


S/E BATTERY





Google earth



TORO BATTERY

10/22/13

HUNGRY HORSE, LLC
ENVIRONMENTAL SERVICES

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

19Sept13

Geoffrey Leking, NM OCD
Reference: Site Remediation
Operator/Transporter: High Sierra
Location: Torro Operating - Hobbs Battery
Legals: Ul. N, Sec. 14, T20S, R38E
GPS: N32.57725 W-103.12399

HOBBS OCD

SEP 24 2013

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Background

On 12 Sept13, High Sierra Energy experienced an accidental crude oil release at the Torro Operating - Hobbs Battery. Hungry Horse, LLC was immediately notified and advised of the minor release and also advised that the release was not in danger of exiting the pad. Upon notification of the release I advised Chris Jensen (Torro Operating) that I would have a crew on site first thing Friday, 13Sept13, to clean up the impacted area. The release occurred on the existing/working location. A site assessment was conducted on the afternoon of 12Sept13. The impacted area was approximately 50' x 50' and had only penetrated the caliche pad approximately 2"- 4".

Work Conducted

On Friday, 13Sept13, the impacted area was mechanically excavated to a depth of approximately 4" below ground surface (BGS). The impacted soil was stockpiled on plastic to be transported to a division approved disposal facility at a later date. Two soil samples were obtained for lab analysis. The samples were transported to Cardinal Lab under chain of custody to be analyzed for TPH, BTEX, and Chlorides. Results will be presented to Geoffrey Leking, NM OCD, for closure approval. The excavated area was then backfilled with base course that was already on site.

Proposal

Based upon the attached lab results and work conducted, I propose to close the project and submit a final C-141 with supporting lab analysis. The impacted material that is stockpiled on plastic will be transported to and disposed of at a division approved facility.



Vernon K. Black, Hungry Horse, LLC

cc. Chris Jensen
Kevin Hart

District I
1625 N. French Dr., Hobbs, NM 88240
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811 S. First St., Artesia, NM 88210
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HOBBS OCD

SEP 17 2013

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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 Buddy Ford, Plant Manager
Address MM 43.5, S HWY 18	Telephone No. 432-631-2696
Facility Name Hobbs Station	Facility Type Crude 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 Crude Oil	Volume of Release 8.37 bbls.	Volume Recovered 0
Source of Release Crude transport truck trailer (vent line)	Date and Hour of Occurrence 9-12-2013/9:00am	Date and Hour of Discovery 9-12-2013/9:20am

Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES. To Whom?
--	------------------

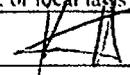
By Whom?	Date and Hour
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES. Volume Impacting the Watercourse.

If a Watercourse was Impacted. Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
High Sierra Transportation driver was at loading tank #19. He wrote down his top gauge incorrectly and calculated that there was less than 202 bbls to load. He walked away while loading to go check sulfur content of load to determine destination. When he returned, he noticed oil flowing from his vent line. Driver shut off his pump and secured location. Fresh soil had recently been spread at location prior to release so crude soaked into soil immediately with no crude recovery available.

Describe Area Affected and Cleanup Action Taken.*
Approximately a 50ft x 50ft area was affected with 80% coverage. Shortly after spill, Toro Operating management dispatched Hungry Horse Environmental to assist in cleaning up the spill and disposal of contaminated soil. All contaminated soil was removed from the affected area on 9-13-2013 and placed on plastic lined area on location to be sent to disposal. Disposal, TPH sampling and closure reporting will be done by Hungry Horse Environmental (date of completion TBD).

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: Kevin Hart	Approved by Environmental Specialist:	
Title: EHS Specialist	Approval Date:	Expiration Date:
E-mail Address: khart@highsierraenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 9-12-2013	Phone: 432-631-5088	

* Attach Additional Sheets If Necessary

SEP 24 2013

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
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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 Torro Operating/High Sierra Energy	Contact Chris Jensen/Torro OP or Kevin Hart/High Sierra Energy
Address 1310 S Fairground Rd, Midland, TX 79701	Telephone No. 303-829-5219 Chris Jensen
Facility Name Hobbs Battery	Facility Type Battery

Surface Owner Torro Operating	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
N	14	20S	38E					Lea

Latitude 32.57725 Longitude -103.12399

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 8 bbls	Volume Recovered 0
Source of Release Overflow from Truck	Date and Hour of Occurrence 12Sept13 0900hrs	Date and Hour of Discovery 12Sept13 0900hrs
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.*
High Sierra Trans driver was at loading tank #19. He wrote down his top gauge incorrectly and calculated that there was less than 202 bbls to load. He walked away while loading to go check sulfur content of load to determine destination. When he returned, he noticed oil flowing from his vent line. Driver shut off his pump and secured the location. Fresh soil had recently been spread at location prior to release so crude soaked into the soil immediately with no recovery.

Describe Area Affected and Cleanup Action Taken.*
Hungry Horse, LLC was contacted to conduct the clean up. A site assessment was conducted on the afternoon of the release and it was noted that the impacted area was approximately 50' x 50' with about 80% coverage with downward penetration of approximately 3" x 4". A backhoe was dispatched the next morning, approximately 18 hours, after the release. The impacted area was excavated with the impacted soil being stockpiled on plastic. Two soil samples were collected and analyzed for Chlorides, TPH and BTEX. Lab results indicated slightly elevated chlorides. Geoffrey Leking, NM OCD, requested another sampling to determine where the Chloride level reached 250 ppm or less. This sample was obtained from the center of the impacted area at 1.5' below ground surface. Results indicated a chloride level of less than 250 ppm. Results were presented to Geoffrey Leking seeking closure approval. This approval was granted and the impacted area was backfilled with clean base course. *Lab results are attached.

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: Kevin Hart	Approved by Environmental Specialist:		
Title: EHS Specialist	Approval Date:	Expiration Date:	
E-mail Address: khart@highsierraenergy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 24Sept13 Phone: 432-631-5088			

* Attach Additional Sheets If Necessary

Analytical Results For:

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

HOBBS OCD

SEP 24 2013

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 Received: 09/16/2013
 Reported: 09/18/2013
 Project Name: TORRO OPERATING - HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 09/16/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP #1 4" BGS (H302219-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2013	ND	1.98	99.0	2.00	4.45		
Toluene*	<0.050	0.050	09/16/2013	ND	2.14	107	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/16/2013	ND	2.27	113	2.00	4.29		
Total Xylenes*	<0.150	0.150	09/16/2013	ND	6.92	115	6.00	2.88		
Total BTEX	<0.300	0.300	09/16/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 110 % 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	624	16.0	09/16/2013	ND	432	108	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	09/17/2013	ND	187	93.5	200	7.17		
DRO >C10-C28	214	10.0	09/17/2013	ND	163	81.5	200	12.6		

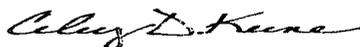
Surrogate: 1-Chlorooctane 70.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 77.7 % 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
 VERNON BLACK
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

HOBBS OCD

SEP 24 2013

 Received: 09/16/2013
 Reported: 09/18/2013
 Project Name: TORRO OPERATING - HOBBS BATTERY
 Project Number: NONE GIVEN
 Project Location: LEA COUNTY, NM

 Sampling Date: 09/16/2013
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: SP #2 4" BGS (H302219-02)

BTEX 80218		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2013	ND	1.98	99.0	2.00	4.45		
Toluene*	<0.050	0.050	09/16/2013	ND	2.14	107	2.00	4.08		
Ethylbenzene*	<0.050	0.050	09/16/2013	ND	2.27	113	2.00	4.29		
Total Xylenes*	<0.150	0.150	09/16/2013	ND	6.92	115	6.00	2.88		
Total BTEX	<0.300	0.300	09/16/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 111 % 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	784	16.0	09/16/2013	ND	432	108	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	09/16/2013	ND	187	93.5	200	7.17		
DRO >C10-C28	228	10.0	09/16/2013	ND	163	81.5	200	12.6		

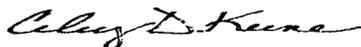
Surrogate: 1-Chlorooctane 70.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 73.1 % 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
 VERNON BLACK
 P.O. Box 1058
 Hobbs NM, 88240
 Fax To: (505) 391-4585

Received:	09/19/2013	Sampling Date:	09/19/2013
Reported:	09/24/2013	Sampling Type:	Soil
Project Name:	HOBBS BATTERY	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: CONFIRMATION STAPLE 1.5 BGS (H302286-01)

Chloride, SM4500Cl-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	09/23/2013	ND	432	108	400	0.00	

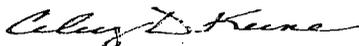
HOBBS OCD
 SEP 24 2013
 RECEIVED

approved
Jeffrey Yelimo
 Environmental Specialist
 NMOC0-DIST1
 9/24/13

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Toro Operating Remediation Summary

Hobbs Battery

Lea County, NM

GPS N32 .57725 W103.12399

Start date: 1JUL13

Finish date: 19AUG13

DRAFT
HOBBS OCD

AUG 19 2013

RECEIVED

Prepared By: Oscar Frayre

Environmental Technician

Hungry Horse, LLC

PO Box 1058

Hobbs, NM 88241

(575)-393-3386

FINAL
HOBBS OCD

SEP 09 2013

RECEIVED

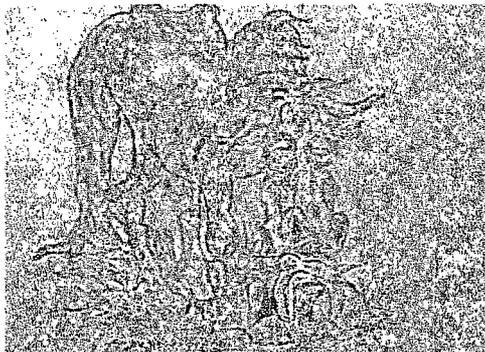


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Attachment 7 – Initial/Final C-141

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

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 OCD along with the explanation the 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 60' (BGS). Results and field test were presented to NM OCD for closure approval; at 60' (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 the contaminates. The soil boring was conducted obtaining samples and field test for (CL) at 5' increments. The field test show chlorides fluctuating between 800(ppm)-1000(ppm) from surface down to 50'. From 50' to 65' there was an increase in (CL) levels to 2000(ppm). From 65'-131' there was a gradual decline in (CL) down to 250(ppm). No ground water was encountered as this soil boring. Selected samples were analyzed for (CL),(TPH 015M,) and (BTEX). These results along with field test results were presented d to NM OCD for closure approval. Approval was given ti 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.

Attachment 1



Torro Operating
Hobbs Battery

Attachment 2



June 05, 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 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,

A handwritten signature in cursive script that reads "Celey D. Keene".

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	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 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 (PID) 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		

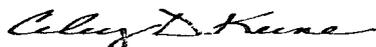
Surrogate: 1-Chlorooctane 90.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 93.8 % 63.6-154

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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:	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 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 (PIC) 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		

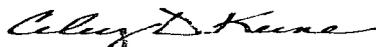
Surrogate: 1-Chlorooctane 94.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.0 % 63.6-154

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* = 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 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 (PIE) 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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 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 @ 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 (PIC) 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

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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 3 @ 1' (H301285-05)

BTEX 80218		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 (PIC) 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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 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	

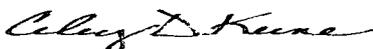
Surrogate: 1-Chlorooctane 99.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 105 % 63.6-154

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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 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		

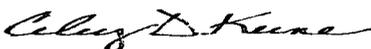
Surrogate: 1-Chlorooctane 103 % 65.2-140

Surrogate: 1-Chlorooctadecane 110 % 63.6-154

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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 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 (PIL) 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		

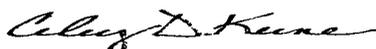
Surrogate: 1-Chlorooctane 94.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.2 % 63.6-154

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Analytical Results For:

 Hungry Horse Environmental
 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 @ 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 (PIE) 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		

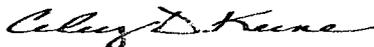
Surrogate: 1-Chlorooctane 93.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 94.3 % 63.6-154

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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 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 (PIE) 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		

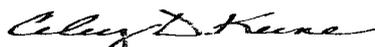
Surrogate: 1-Chlorooctane 95.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.9 % 63.6-154

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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 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 (PIE) 171 % 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				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		

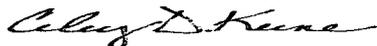
Surrogate: 1-Chlorooctane 181 % 65.2-140

Surrogate: 1-Chlorooctadecane 250 % 63.6-154

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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 7 @ 1' (H301285-12)

BTEX 80218		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 (PIE) 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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Analytical Results For:

 Hungry Horse Environmental
 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: 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 (PIE) 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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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. 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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 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: 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 (PIL) 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		

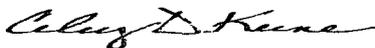
Surrogate: 1-Chlorooctane 97.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 170 % 63.6-154

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 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: 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 (PIL) 98.7 % 89.4-126

Chloride, SM4500Cl-8		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		

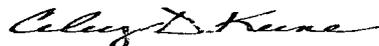
Surrogate: 1-Chlorooctane 98.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.2 % 63.6-154

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: 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 (PIC) 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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

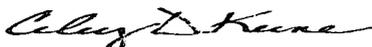
Notes and Definitions

- 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

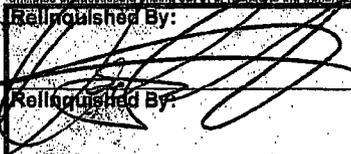
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Hungry Horse LLC</u>		BILL TO		ANALYSIS REQUEST											
Project Manager: <u>Oscar Frayre</u>		P.O. #:													
Address:		Company:													
City: <u>Hobbs</u>	State: <u>N.M</u>	Zip: <u>88240</u>	Attn:												
Phone #:	Fax #:	Address:													
Project #:	Project Owner: <u>Terra Operations</u>			City:											
Project Name:		State:		Zip:											
Project Location: <u>Hobbs Battery</u>		Phone #:													
Sampler Name: <u>Oscar Frayre</u>		Fax #:													

Lab I.D.	Sample I.D.	(GRAB OR C)OMP	# CONTAINERS	MATRIX					PRESERV.		SAMPLING		DATE	TIME	pH	TEMP
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER				
H301285																
1	main Battery pt# 1 @ 1'	6	1			X					X	6-3-13	8:00	+	+	+
2	pt# 1 @ 3'	6	1			X					X		8:05	+	+	+
3	pt# 2 @ 1'	6	1			X					X		8:10	+	+	+
4	pt# 2 @ 3'	6	1			X					X		8:15	+	+	+
5	pt# 3 @ 1'	6	1			X					X		8:20	+	+	+
6	pt# 3 @ 3'	6	1			X					X		8:25	+	+	+
7	pt# 4 @ 1'	6	1			X					X		8:30	+	+	+
8	pt# 4 @ 3'	6	1			X					X		8:35	+	+	+
9	pt# 5 @ 1'	6	1			X					X		8:40	+	+	+
10	pt# 5 @ 3'	6	1			X					X		8:45	+	+	+

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Relinquished By: 	Date: <u>6-3-13</u> Time: <u>9:45</u>	Received By: <u>Jodi Benson</u>	Phone Result: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler: <u>UPS</u> - Bus - Other:		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <u>DA</u>	
		REMARKS: <u>O Frayre @ hungry-horse.com</u> <u>V Black @ hungry-horse.com</u> <u>RUSH!!</u>		

SAMPLES TAKEN & BROUGHT DIRECTLY TO LAB. AA

#54

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:		BILL TO		ANALYSIS REQUEST												
Project Manager:		P.O. #:														
Address:		Company:														
City: State: Zip:		Attn:														
Phone #: Fax #:		Address:														
Project #: Project Owner:		City:														
Project Name:		State: Zip:														
Project Location:		Phone #:														
Sampler Name:		Fax #:														
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX					PRESERV		SAMPLING		DATE	TIME	UL	T/A	BTEX
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER					
11	main Battery pt 6 @ 1'	6		X					1		6-3-13	8:50	X	X	X	
12	pt 7 @ 1'	6		X					1			8:55	X	X	X	
13	S/E Battery pt # 8 @ 1'	6		X					1			9:00	X	X	X	
14	pt # 8 @ 3'	6		X					1			9:05	X	X	X	
15	S/W Battery pt # 9 @ 1'	6		X					1			9:10	X	X	X	
16	S/E Batt pt # 10 @ 1'											9:15				
17	pt # 10 @ 3'											9:20				

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Relinquished By:	Date: 6-3-13	Received By: Jodi Henson	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 9:45		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS: O'Frage @ hungry-house.com VBlack @ hungry-house.com	
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:	Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Initials)		

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

#54



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

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 (PIE) 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 % 63.6-15#

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	Sampling Date:	07/30/2013
Reported:	07/31/2013	Sampling Type:	Soil
Project Name:	HOBBS BATTERY	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Amanda Ponce
Project Location:	NOT GIVEN		

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 (PIC) 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

* = 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 #3 @ 2' (H301795-03)

BTEX 80218		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

Cardinal Laboratories

* = Accredited Analyte

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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**

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.



Mike Snyder, Organic Supervisor



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
 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. 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 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 95.3 % 61.3-142

Surrogate: Toluene-d8 104 % 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	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			

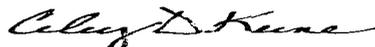
Surrogate: 1-Chlorooctane 75.4 % 65.2-140

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 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*	<0.050	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, SM4500Cl-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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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. 4 @ 2' (H301946-04)

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 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			

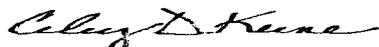
Surrogate: 1-Chlorooctane 83.3 % 65.2-140

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 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 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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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 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*	0.223	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	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. 7 @ 2.5' (H301946-07)

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*	<0.050	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

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Celey D. Keene, Lab Director/Quality Manager

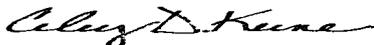
Notes and Definitions

- 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



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

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,

A handwritten signature in cursive script that reads "Celey D. Keene".

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, SM4500Cl-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, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/24/2013	ND	416	104	400	3.77	

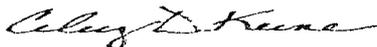
Sample ID: SW BATTERY SOIL BORE @100' (H302304-03)

Chloride, SM4500Cl-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	

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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:	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 @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, SM4500Cl-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		

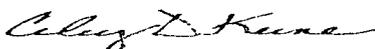
TPH 8015M	mg/kg		Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/23/2013	ND	199	99.4	200	0.186		
DRO >C10-C28	<10.0	10.0	09/23/2013	ND	194	97.0	200	0.388		

Surrogate: 1-Chlorooctane 101 % 65.2-140
Surrogate: 1-Chlorooctadecane 109 % 63.6-154

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

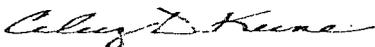
Notes and Definitions

- 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 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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Celest D. Keene, Lab Director/Quality Manager



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,

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, SM4500Cl-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, SM4500Cl-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, SM4500Cl-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	

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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			

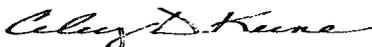
Surrogate: 1-Chlorooctane 77.1 % 48.7-164

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

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 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 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 employees arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: <u>10-1-13</u>	Received By: <u>Godi Henson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <u>9:05</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date: _____	Received By: _____	REMARKS: <u>O. Frayre @ Cherry - home - Cen.</u>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <u>5.40c</u>	Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY:		

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

#54

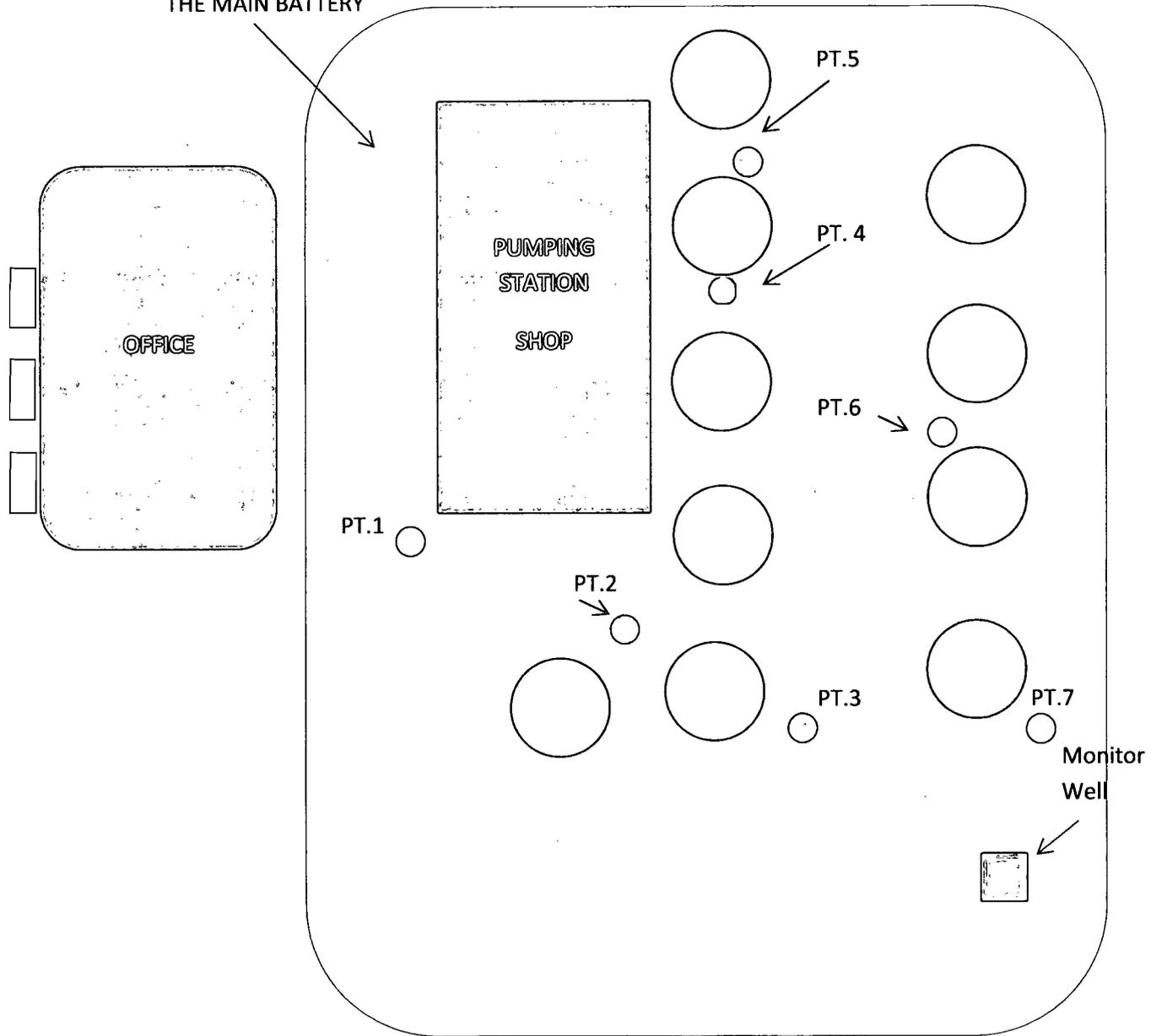
Attachment 3

TORRO OPERATING

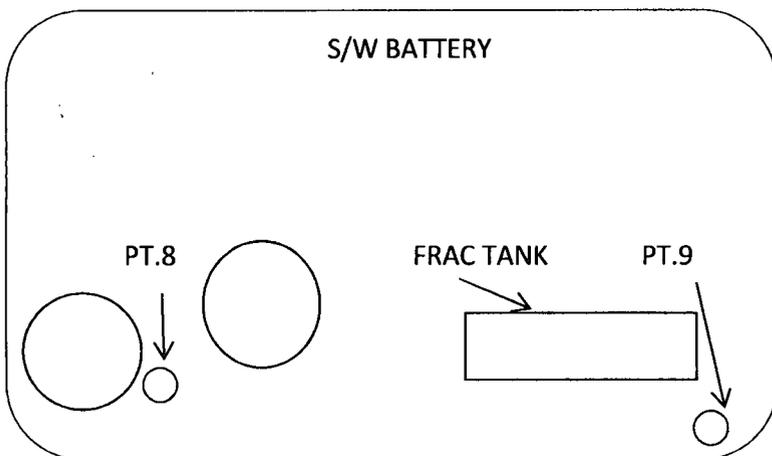
HOBBS BATTERY

6/3/2013

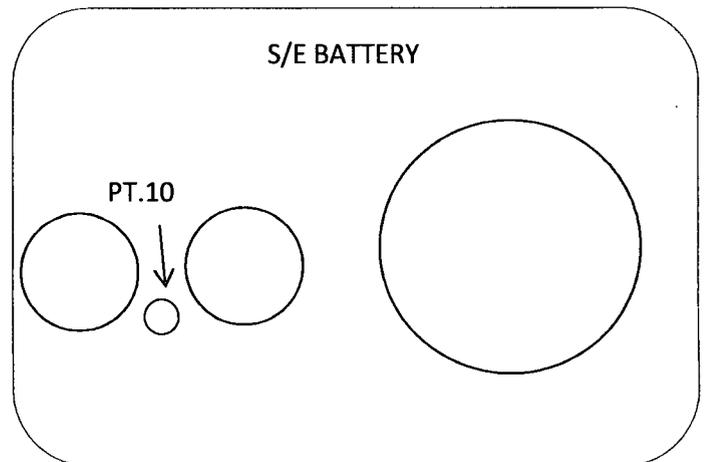
THE MAIN BATTERY



S/W BATTERY

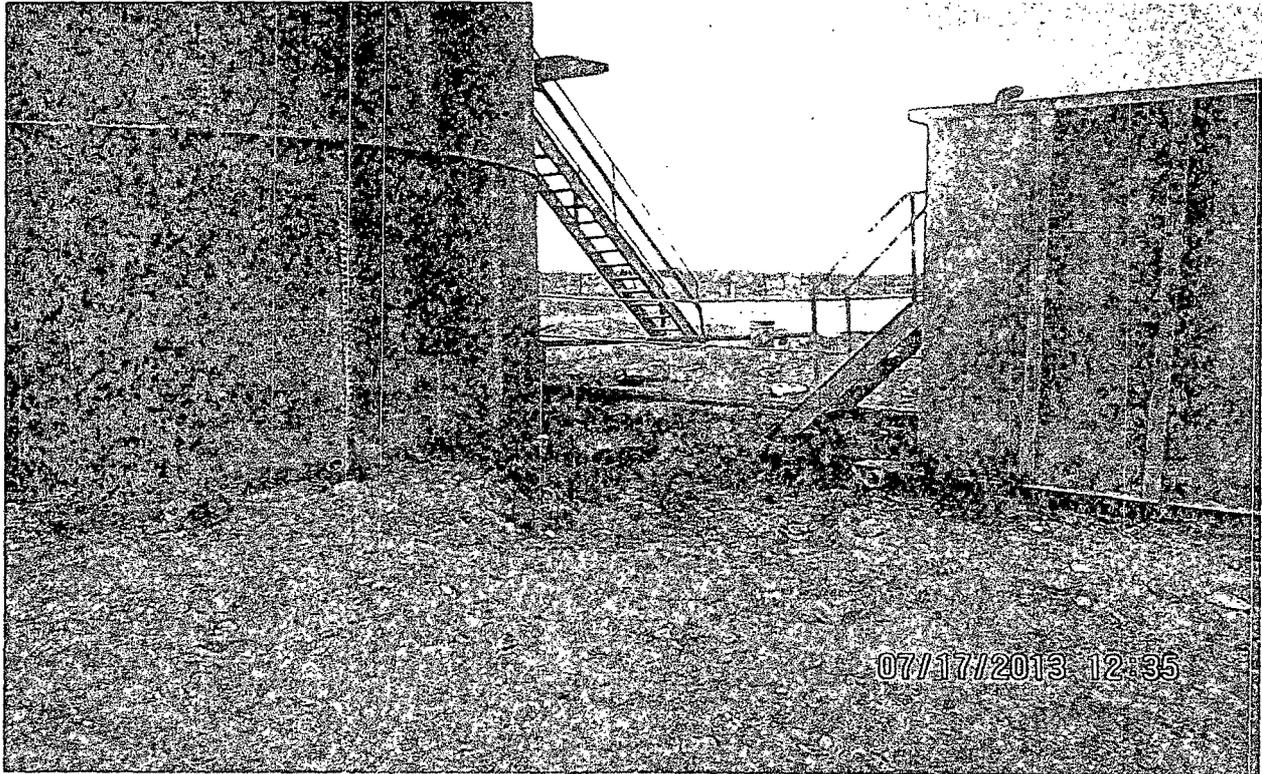


S/E BATTERY

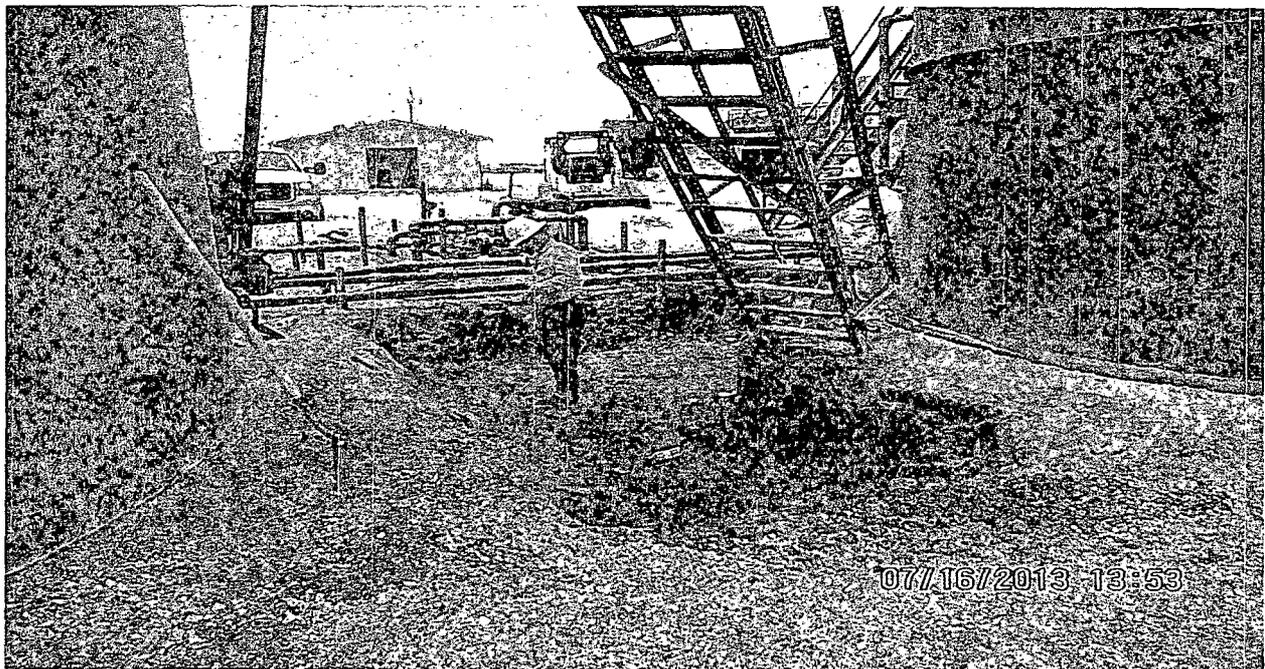


Attachment 4

HUNGRY HORSE, LLC
ENVIRONMENTAL SERVICES

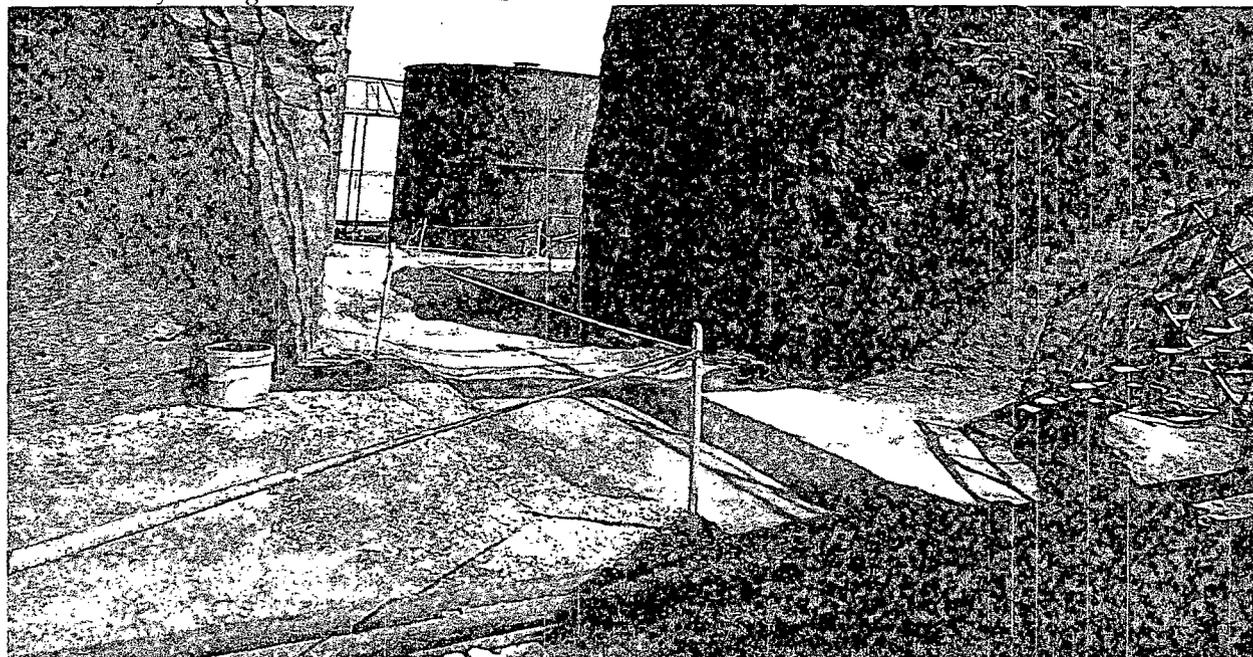


Dirt Work * On-Site Remediation * Soil Testing * Excavation

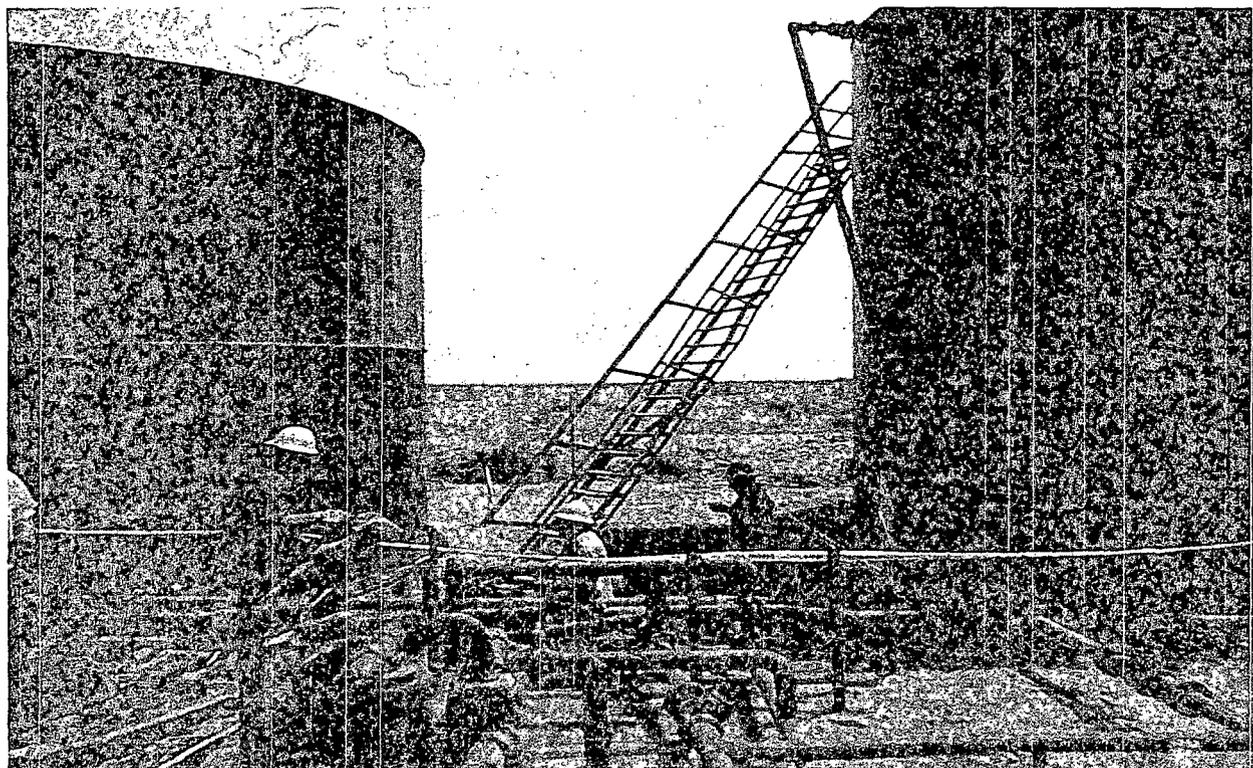


HUNGRY HORSE, LLC
ENVIRONMENTAL SERVICES

Main Battery Facing North Excavation @2'



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



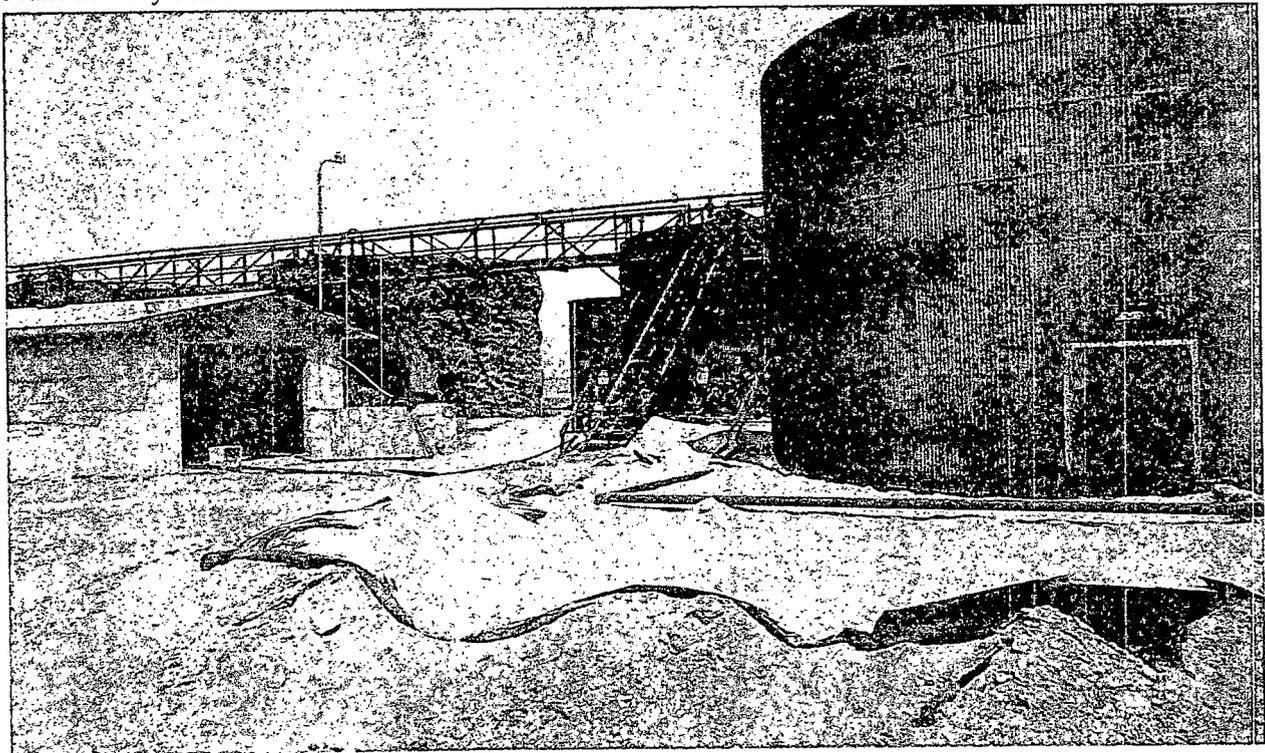
HUNGRY HORSE, LLC
ENVIRONMENTAL SERVICES

Main Battery Facing North Excavation @2'
Dirt Work * On-Site Remediation * Soil Testing * Excavation

S/W Battery Plastic Liner at @3' BGS

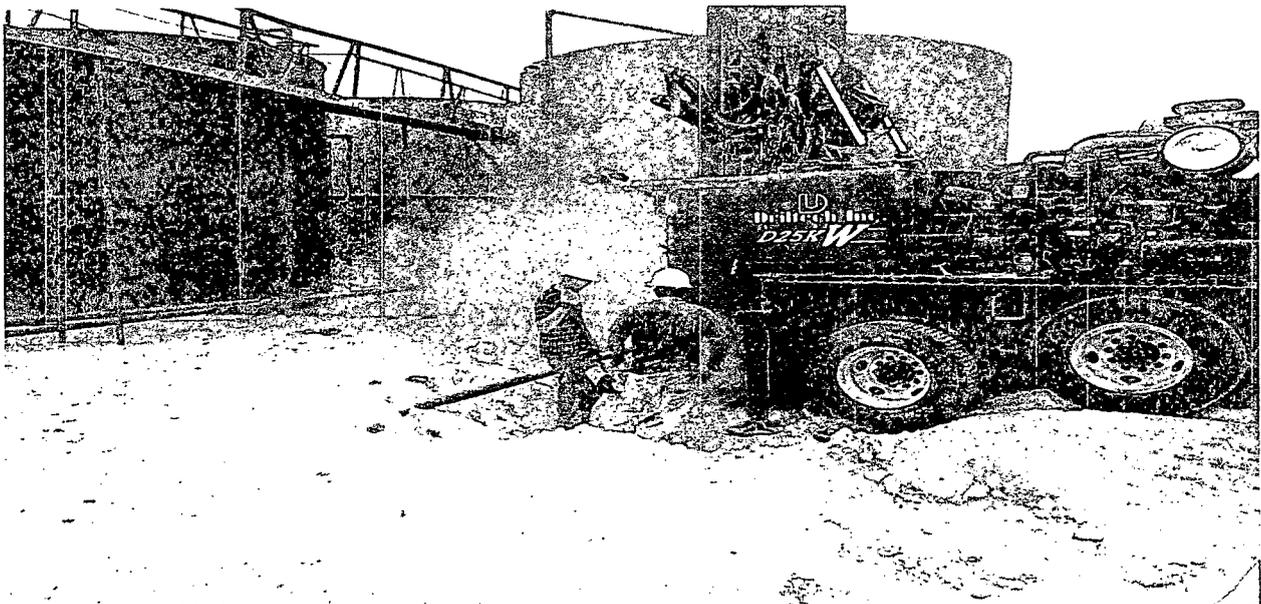


Main Battery Plastic Liner @3' BGS



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

HUNGRY HORSE, LLC
ENVIRONMENTAL SERVICES

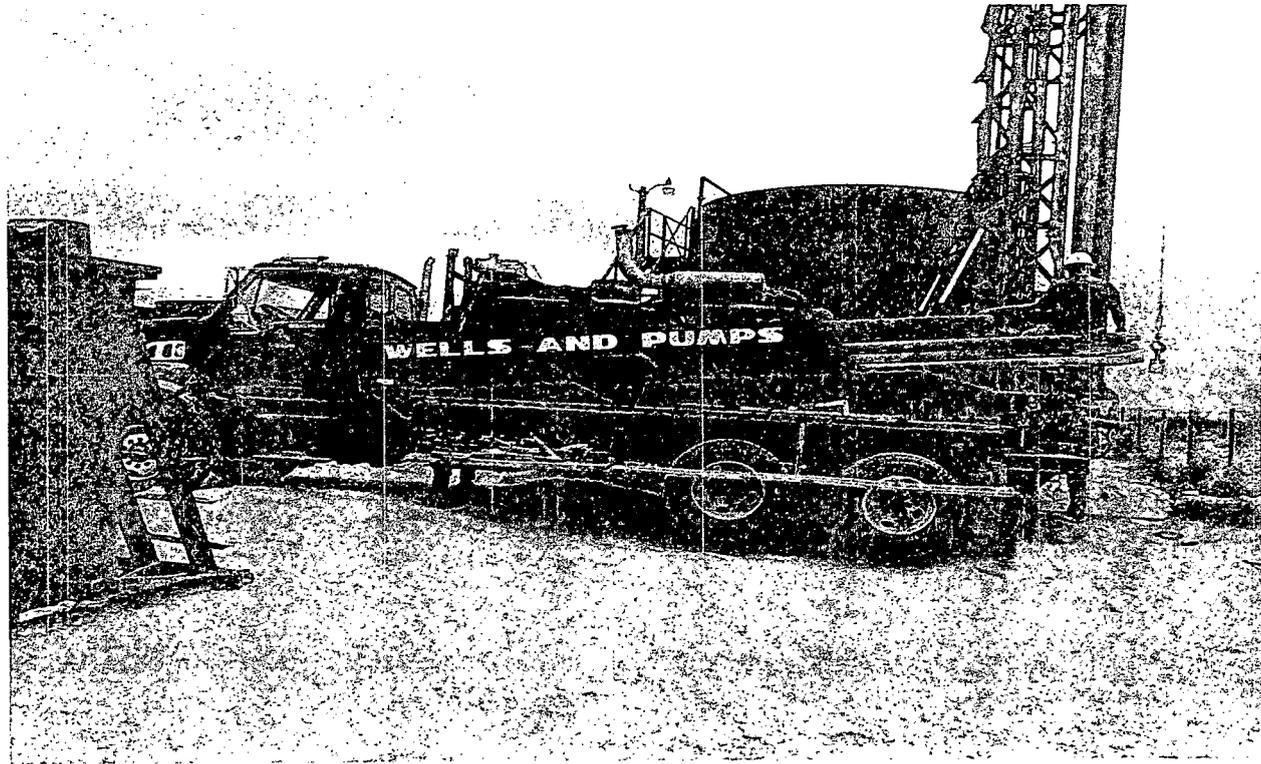


Dirt Work *

On-Site Remediation *

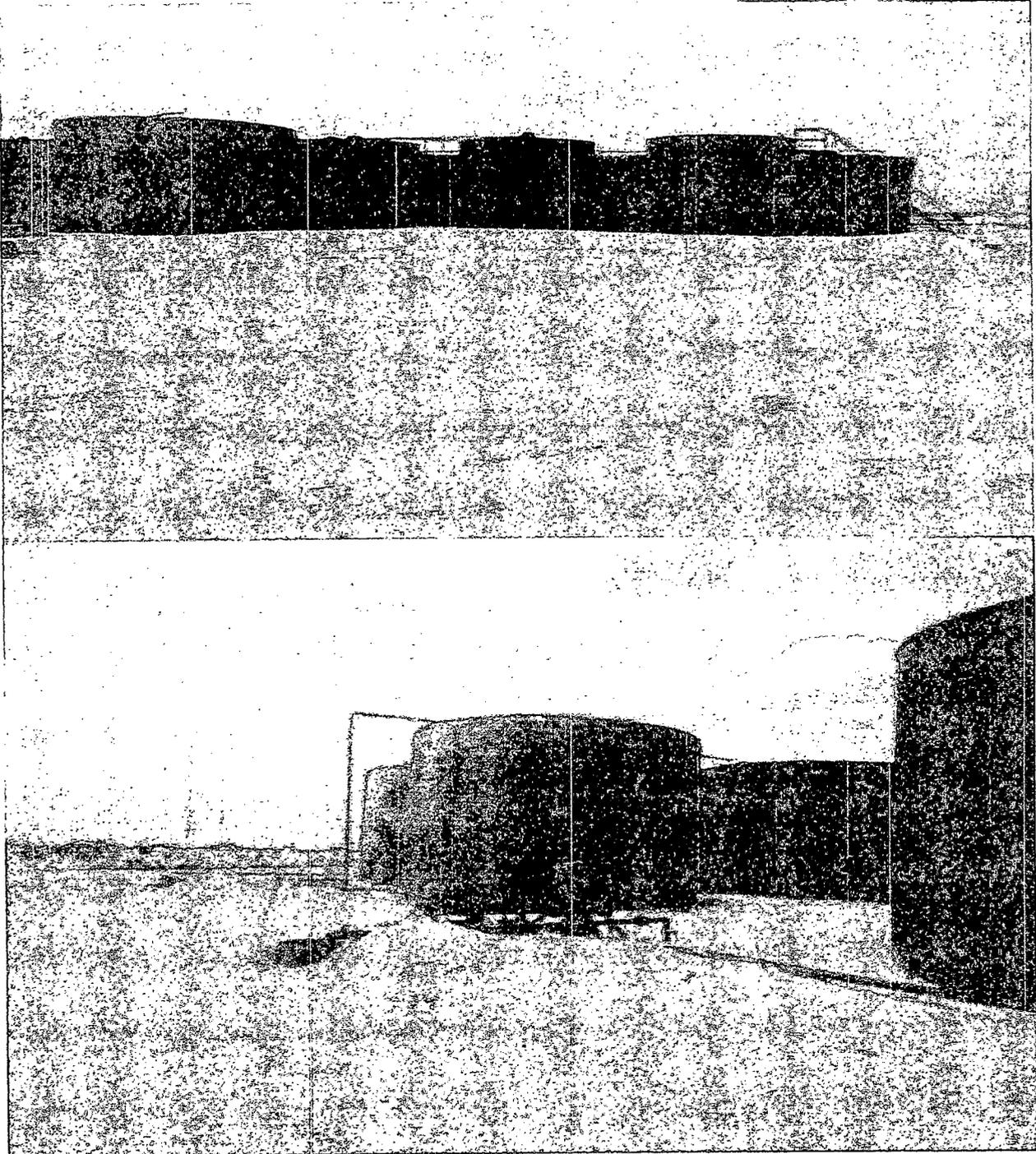
Soil Testing *

Excavation



HUNGRY HORSE, LLC
ENVIRONMENTAL SERVICES

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



Attachment 5

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,

A handwritten signature in cursive script, appearing to read "Andy Morley".

Andy Morley
(575) 622-6521

Enclosure



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

POD Number	Q64 Q16 Q4	Sec	Tws	Rng	X	Y
L 02239	1 2 14	20S	38E		676732	3606127*

Driller License: D & C WATER WELL DRILLING

Driller Name: BARTON, J.E.

Drill Start Date: 01/15/1954

Drill Finish Date: 01/16/1954

Plug Date:

Log File Date: 03/11/1954

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well: 90 feet

Depth Water: 38 feet

*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 CO	ZIP 80206
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 34	SECONDS 37.5	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84
		LONGITUDE 103	7	26.8	W	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLS (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

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION		PAGE 1 OF 2

Attachment 6

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 Contact Phone: (575)631-2253
Alternate Contact: OSCAR FRAYRE Alternate Phone: (575)631-0983
Best Time to Call: Fax No: (575)391-4585
Cell Phone: Pager No:
Email: vblack@hungry-horse.com

State: NM County: LEA City: RURAL LEA

Address: , HOBBS BATTERY

Location 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.

Attachment 7

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

HOBBES OCD
State of New Mexico
Energy Minerals and Natural Resources
JUL 01 2013
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.

RECEIVED

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

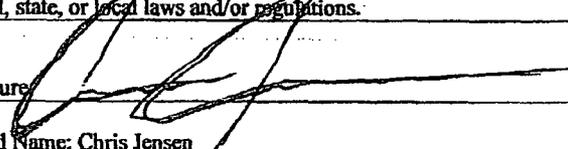
Type of Release Hydrocarbons and Chlorides	Volume of Release Unknown	Volume Recovered None
Source of Release Loading Stations and tanks	Date and Hour of Occurrence Unknown	Date and Hour of Discovery May2013
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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  Approved by Environmental Specialist Environmental Specialist	
Printed Name: Chris Jensen	Approval Date: 7/1/13	Expiration Date: 9/2/13
Title: Development Manager	Conditions of Approval: FULLY DELINEATE AND REMEDIATE PER OCD	
E-mail Address: chris@pecos.hostpilot.com	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

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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 Historical Antiquated release	Volume of Release Unknown	Volume Recovered None
Source of Release Loading Station	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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse N/A	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.*		
Describe Area Affected and Cleanup Action Taken.* The area was excavated using hand tools to approx. 3' BGS we were able to take out the contaminated soil place it above a plastic liner, haul the material off to an approved disposal facility, install a 20mil synthetic plastic liner and backfill using clean material. All data was presented to NM OCD for guidance and closure approvals.		

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	Approved by Environmental Specialist:	
Title: Vice President + Toro Oper. Comp.	Approval Date:	Expiration Date:
E-mail Address: chrisjensen@gmail.com	Conditions of Approval:	
Date: 9/30/13	Phon: (432) 425	Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary

1773/(303)
829-5219



TURBO
SOIL DATA
8/19/13 MATU

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

August 16, 2013

HOBBS OCD

OSCAR FRAYRE

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

AUG 19 2013

RECEIVED

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
 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. 1 @ 1.5' (H301946-01)

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 95.0 % 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	1.3i		

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	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. 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	1.32			

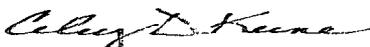
Surrogate: 1-Chlorooctane 75.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 181 % 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	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. 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, SM4500Cl-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	1.3%		

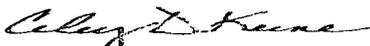
Surrogate: 1-Chlorooctane 85.1 % 65.2-140

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 1056
 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 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 94.6 % 61.3-142

Surrogate: Toluene-d8 102 % 71.3-129

Surrogate: 4-Bromofluorobenzene 139 % 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	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	1.34		

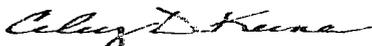
Surrogate: 1-Chlorooctane 83.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 263 % 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. 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		

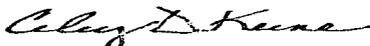
Surrogate: 1-Chlorooctane 87.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 104 % 63.6-154

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	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. 6 @ 2.5' (H301946-06)

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*	0.223	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	1.3		

Surrogate: 1-Chlorooctane 89.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 118 % 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	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. 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	1.34		

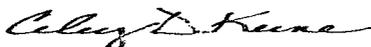
Surrogate: 1-Chlorooctane 146 % 65.2-140

Surrogate: 1-Chlorooctadecane 1090 % 63.6-154

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

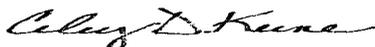
Notes and Definitions

- 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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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

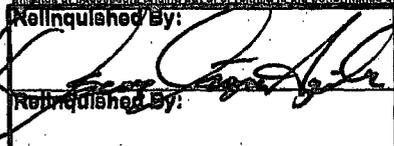
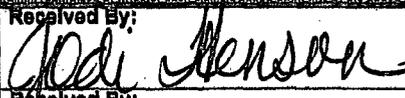
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Hungry Horse LLC				BILL TO				ANALYSIS REQUEST								
Project Manager: Oscar Froyer				P.O. #:												
Address: PO Box 1058 Eunice Hwy				Company:												
City: Hobbs		State: N.M		Zip: 88241		Attn:										
Phone #: 575 1631-0983		Fax #:		Address:												
Project #:		Project Owner: Terra Oper.		City:												
Project Name:				State: Zip:												
Project Location: Hobbs Battery				Phone #:												
Sampler Name: Oscar Froyer				Fax #:												
FOR LAB USE ONLY																
Lab I.D.	Sample I.D.	# CONTAINERS	MATRIX									PRESERV.		SAMPLING		DATE
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER					
H301946	Main BATTERY															
1	main BATTERY PT 1 @ 1.5'	6			1							8-15	1:20	X	X	X
2	main BATTERY PT 2 @ 2'	6			1							8-15	1:25	X	X	X
3	main BATTERY PT 3 @ 2'	6			1							8-15	1:30	X	X	X
4	main BATTERY PT 4 @ 2'	6			1							8-15	1:35	X	X	X
5	main BATTERY PT 5 @ 2'	6			1							8-15	1:40	X	X	X
6	main BATTERY PT 6 @ 2.5'	6			1							8-15	1:45	X	X	X
7	main BATTERY PT 7 @ 2.5'	6			1							8-15	1:50	X	X	X

CL
TAH 801500
BTX

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Relinquished By: 	Date: 8-15-13	Received By: 	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 2:15		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Redelivered By:	Date:	Received By:	REMARKS: V Black Hungry-horse.com O Froyer@hungry-horse.com T Salinas@hungry-horse.com Chris Tensen - chris@pccos.hostpilot.com	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: 		

"RUSH" "RUSH" "RUSH"