

January 29, 2014

HOBBS OCD

OSCAR FRAYRE

Hungry Horse Environmental

FEB 1 1 2014

P.O. Box 1058

Hobbs, NM 88240

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 accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes are denoted by a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes are denoted by a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes are denoted by a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a compl

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

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



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		Analyze	d 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 (PIL	109 %	6 89.5-12	6						
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/	Ł	Analyze	d 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 9	% 48.7-16	4						
Surrogate: 1-Chlorooctadecane	89.0 9	6 54.8-16	5						

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*=Accredited Analyte

PLEASE NOTE: Usability and Damages. Cardinal's liability and client's exclusive remedy for any dain 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 whatoever shall be deemed waived unless made in writing and received by clardinal within intrity (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 clardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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 Number:
Project Location:

LEA COUNTY, NM

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

BTEX 8021B	mg/L		Analyze	d 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 (PIC	108 9	% 89.5-12	6							
Chloride, SM4500CI-B	mg/	'L	Analyze	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	% 48.7-16	4		1,200					
Surrogate: 1-Chlorooctadecane	88.4	% 54.8-16	5							

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Celey D. Keine



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	Analyze	d 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 (PIL	112 %	6 89.5-12	6						
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 .	Analyze	d 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: I-Chlorooctane	109 %	6 48.7-16	4						
Surrogate: 1-Chlorooctadecane	108 %	6 54.8-16.	5						

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*=Accredited Analyte

PLEASE NOTE: Ulability and Damages. Cardinal's liability and dient'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 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. Keine



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 SM4500Ci-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Human Hotelle		ANALYSIS REQUEST
Project Manager: Oscar	P.O. #:	
Address: 1328 S. Lune My	Сотрапу:	
City: Mable State: MA Zip: \$8.2140	Attn:	
Phone #: (575631-0583 Fax#:	Address:	
Project #: Project Owner: Torro Do.	City:	
Project Name:	State: Zip:	
Project Location: Hobbs RAffen	Phone #:	
Sampler Name: Occasion	Fax #:	
POR THE WATER (C) OWN WATER (C	PRESERV. SAMPLING	
	STUDGE STUDGE CE/COOL OTHER:	
1 N-W M/W 865' 9 /	12-28 11:52 ×× ×	
20. 1 20. 1 20.		-
2 Center MIW 0651 6	K 12-28 12:05 X X	
38-E MIW PG 8	X 12-14 12:30 X X X	
PLEASE NOTE: Liability and Damages, Cardinate liability and client's exclusive remedy for any claim arising whether based in con	act or tort, shall be limited to the emount paid by the client for the	
analyses. All claims including those for negligence and any other cause whatsoever shall be deemed walved unless made in whiting service. In paceant that Cardnal be lable for incidental or consequental damages, including without limitation, business interrupting administration of services hereigned by the performance of services hereigned by Cardinals, regards of whether such claims, regarding the part of the performance of services hereigned by Cardinals, regards of whether such claims of the performance of services hereigned by Cardinals, regards of whether such claims of the performance of services hereigned by Cardinals, regards of whether such claims of the performance of services hereigned by Cardinals regards.	and received by Cardinal within 3D days after completion of the applicable as, loss of use, or loss of profits incurred by client, its subsidiaries,	Add' Phone #:
7 Time: 45 DOLL ~	Fax Result:	Add'l Fax #:
Reiniquished By: Date: Received By: Time:	T-Salvas	hongry-horse com
Delivered By: (Circle One) Sampler - UPS - Bus - Other: Sampler - UPS - Bus - Other: Sample Con Cool Inter □ Yes □ Yes □ Yes	lition CHECKED BY:	SH!!
† Cardinal cannot accept verbal changes. Please fax written changes	0 (676) 393-5349 54 Samples 14	of taken a brought



January 29, 2014

HOBBS OCD

OSCAR FRAYRE

Hungry Horse Environmental

FEB 1 1 2014

P.O. Box 1058

Hobbs, NM 88240

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 accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

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



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: Project Number: TORRO OPERATING HOBBS BATTERY NONE GIVEN

Sampling Condition: Sample Received By: ** (See Notes) Jodi Henson

RPD

Qualifier

Project Location:

LEA COUNTY, NM

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

-			-	(
Chlorid	e. SM450	OCI-B			na/k

hloride, SM4500Cl-B	mg/	mg/kg Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value OC
Allolyte	Result	Reporting Limit	Allalyzeu	Piculou Dialik	0.5	70 RECOVERY	True value QC

416 400 0.00 Chloride 16.0 16.0 01/24/2014 ND 104

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	loride, 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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Celeg D. Kuna



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:

Soil

01/29/2014

Sampling Type:

** (See Notes)

Project Name: Project Number: TORRO OPERATING HOBBS BATTERY NONE GIVEN

Sampling Condition: Sample Received By:

Jodi Henson

Project Location:

LEA COUNTY, NM

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

Chloride, SM4500Cl-B	mg	mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Recover	% 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	5' (H400225-06	5)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	

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, SM4500Cl-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	Analyze	d 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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Celey D. Keine



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:

Soil

01/29/2014

Sampling Type:

** (See Notes)

Project Name:

TORRO OPERATING HOBBS BATTERY

Sampling Condition: Sample Received By:

Jodi Henson

Project Number: Project Location: NONE GIVEN

LEA COUNTY, NM

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

Chioride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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 & Keine



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 SM4500CI-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. Kune



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Company Name:				:		31	446			,			ANA	LYSIS	RE	QUE	ST			
Project Manager	Oscar Fragre				P. 0	O. #:					·									
Address: 130						mpany:				٠.	:		·							
city: Hobbe			83	840	Att	in:				:						ŀ.]		·	l
Phone #: 393			•		Ad	ldress:														
Project #:	Project Owne				Cit	y:	•	* **]											ļ
	Hobbs Pattern			-70-	Sta	ate:	Zip:													. • *
	Hops win Einice Ho	us			Ph	one #:													,	
Sampler Name:	Oscar Fourse				Fa	x #:										1				'
FOR LAB USE ONLY			T	MATRIX	1	PRESERV.	SAMPL	ING								1		.		1
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Lab I.D.	Sample I.D.	ő	A S		nz.	/BASE COOL				, #	(Ti									
H400225		(G)RA	# CON I AINERS	WASTEWATER SOIL OIL	물	ACID/BASE ICE / COOI OTHER:	DATE	TIME	0	12	18]				
114006Z	11-W5-B@10'	ا تر	# C	5 ≤ Ø O Ø	10	4 2 0		7:00Am								 				
2	1)-W 5-B @30'	6	i 		+-	- 124 - 12	1-23-14	7.15	<u>~</u>		<u> </u>	-	 "		-	\vdash	 		 	·
3	W-W 5-B @ 105'	161	71) V	-	,		7:45	文	100	01	 	1			 		 		\vdash
Ú	4-ES-B P 5'	6	П	X	1.	17	1-23-14		X		-		<u> </u>			 				
5	SE 3-B C10'	6	1	V		b	1-23-14	8:25	乂											
6	5-E 5-B @ 15'	6	Ц	1 1		i	1-23-14	8:40	X											
7	SE SB @ DO	6	1	- V	1	4	1-23-14	9:10	X											
8	S-E 8-B @ 25	6	4	×	<u> </u>		1-23-14	9:25	У							<u> </u>				
10	5-E 5-B (30'	6	1	$+$ \times $+$			1-23-14	9:47	X				 			<u> </u>			ļ	
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2-7

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	ANALYSIS REQUEST						
P.O. #.	#:						
Compa	pany:						
Attn:							
Addre	ess:						
City:							
State:	: Zip:						
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	Address Addres	P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #: MATRIX PRESERV SAMPLING Address: JOOD J J J J J J J J J J J J J J J J J J					

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 3

HOBES OCD

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

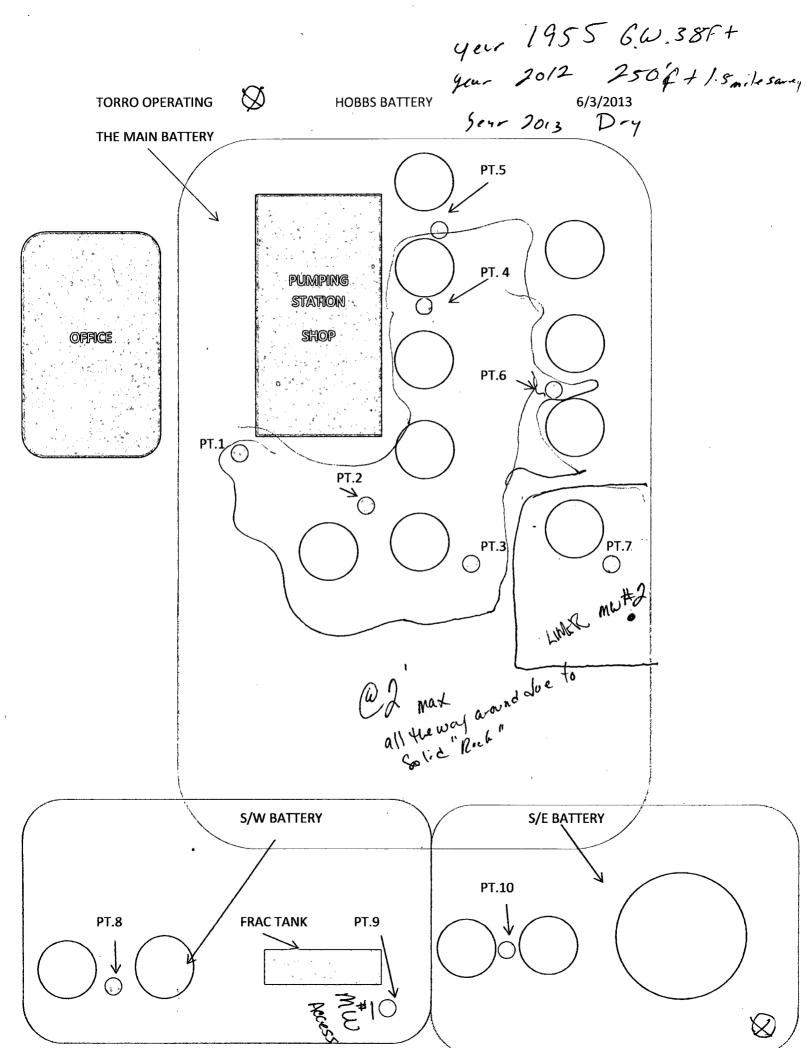
State of New Mexico Energy Minerals and Natural Resources

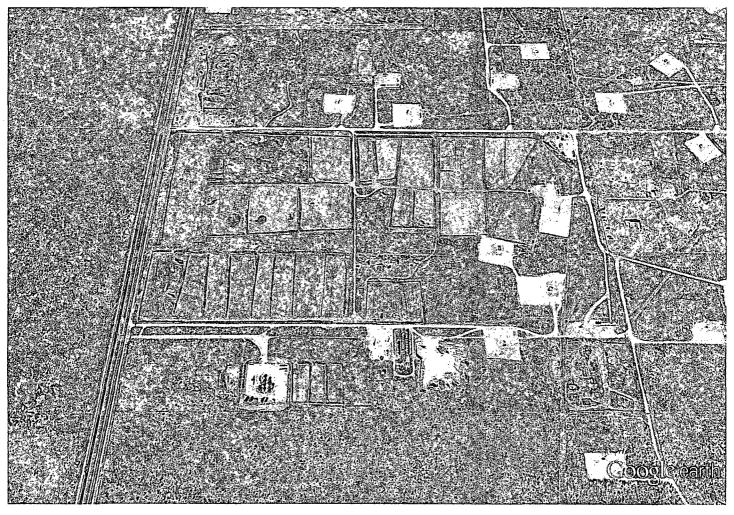
DEC 0 4 2013 Form C-141
Revised August 8, 2011
Submit 1 Copy to appropriate District Office in
Recordance with 19.15.29 NMAC.

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

i zzo o, ot, rian	Cia (21., Dillita			- 5	anta Fe	, NM 8/3	U.J					
		R	Releas	e Notifi	cation	and Co	rrective A	ction				
						OPERA"	ror i	\boxtimes	Initial F	Report	F	inal Report
Name of Co	ompany 7	oro Operating			1	Contact Jason Griffith						
		er 41.5, S. Hwy 1	8 Hobbs	, New Mex	xico	Telephone 1						
Facility Na		s Station (Carper				Facility Typ	e Crude Oil T	ank Battery				
Surface Ow	ner Toro C	Operating Compar	ny, Inc.	Mineral (Owner			Al	Pl No.			
		52				I OR DE	EASE					
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		bbls Crude Oil Sto	rage Tank	k			lour of Occurrence	e Date		ur of Dis		
							20, 2013 - 2130	hours Nov	ember 2	0, 2013 -	- 2130 hou	urs
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By Whom? Was a Water		/ (NOVA Safety an	id Enviro	nmental) Ag	gent		lour November 2			hours		
was a water	course Reac		s 🛛 No)		If YES, Volume Impacting the Watercourse.						
		pacted, Describe Fi				<u> </u>						
An equipment The release of approximate	nt failure res occurred wit ly 35 bbls o		e of crude tainment a	oil from the and no liqui	ds were re	cleased outsi	de the containmen	nt. A vacuum	truck wa	s utilized	I to recove	er
		and Cleanup Action amental Contractor								e (45) fee	t within t	he
regulations a public health should their or the enviro	III operators n or the envi operations h onment. In a	information given a are required to rep- ronment. The acce- nave failed to adequal addition, NMOCD and a survey and/or regulation.	ort and/or eptance of uately inve acceptance	r file certain a C-141 repestigate and	release n bort by the remediat	otifications a e NMOCD n e contaminat	nd perform correct narked as "Final R ion that pose a thr	ctive actions I teport" does n reat to ground	or releas ot relieve water, s	es which e the ope urface wa	may enda rator of lia ater, huma	anger ability an health
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Printed Nam	ie: Jason Gri	ffith				Approved by	Environmental S	Specia Envir	onmer	tal Sp	ecialist	
Title: EHS S	specialist (H	igh-Sierra-Transpo	rtation)	Endanguar Padalah Sebesah Seb		Approval-Da	ne 12/04/13) lapii	ลเเด็ก Da	re: 2. -	104	13
	-mail Address: jgriffith@highsierraenergy.com						f Approval: 50	3mit	1112	Attachec	ı 🛮 -	
Date: 12/4/1	3	Phone: 620-2-	43-2507		F11017		12.1	ן כיייי	RP-1	2-13	3-2997	
A 44 1- A .J .J	idiam I Cit-	ata 16 Managarii										

^{*} Attach Additional Sheets If Necessary





Google earth

feet 2000 meters 700

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TORO BARRERY

10/22/13

HUNGRY HORSE, LLC ENVIRONMENTAL SERVICES

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

19Sept13

HOBBS OCD

Geoffrey Leking, NM OCD Reference: Site Remediation

SEP 2 4 2013

Operator/Transporter: High Sierra

RECEIVED

产

Location: Torro Operating - Hobbs Battery

Legals: Ul. N, Sec. 14, T20S, R38E GPS: N32.57725 W-103.12399

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 HOE3S OCD

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> State of New Mexico
SEP 17 2013 State of New Mexico
Minerals and Natural Resources

Form C-141 Revised August 8, 2011

811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410

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.

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

* Attach Additional Sheets If Necessary

Release Notification and Corrective Action														
			case i totiin	atio								n		
Name of Co	mnany T	oro Operatin				OPERATOR × Initial Report Final Report Contact Buddy Ford, Plant Manager								
Address MN			<u> 5</u>			Telephone No. 432-631-2696								
Facility Nan						Facility Type Crude Tank Battery								
		Station			1	racinty 131	Crude rank L	Jacciy						
Surface Owi	ner			Mineral C)wner				API No					
				LOCA	ATIO	N OF RE	LEASE							
Unit Letter	Section	Township	Range	Feet from the	North	/South Line	Feet from the	East/V	East/West Line County					
D	14	T20S	R38E						· · · · · · · · · · · · · · · · · · ·	Lea				
Latitude 32.5772						5 Longitude	e -103.12399							
	NATURE OF RELEASE													
Type of Relea	ise Crude	Oil					Release 8.37 bbl	S.	Volume F	Recovered 0				
Source of Release Crude transport truck trailer (vent line)						lour of Occurrence			Hour of Dis		9-12-			
Was Immediate Notice Given?					9-12-2013			2013/9:20)am					
Was Immedia	ite Notice (Yes [No × Not Rec	quired	If YES, To	Whom?							
By Whom?						Date and I	lour	-						
Was a Watero	course Read		Yes *	No		If YES. Vo	olume Impacting t	he Wate	rcourse.					
									·····					
If a Watercourse was Impacted. Describe Fully.*														
		em and Remed				6:- 4		4 1 . 3 .						
load. He walk	ransportat ed away w	bile loading to	s at ioaum o go cheel	ig tank #19. He wi k sulfur content of	rote dov Fload to	vn ms top gau determine de	ge incorrectly and	i caicula he retur	ied that the	ere was less iced oil flow	than 20 Zina fee	JZ DDIS I m his w	.0 	
				ion. Fresh soil had										
with no crude						•	•						•	
Describe Are	a Affected	and Cleanup A	Action Tal	ken *					·	· · · · · · · · · · · · · · · · · · ·				
Approximate	ly a 50ft x :	50ft area was a	affected w	rith 80% coverage	: Short	y after spill. T	Foro Operating ma	anageme	nt dispatel	ned Hungry	Horse			
Environment	al to assist i	in cleaning up	the spill a	and disposal of co	กเอเกา	ated soil. All o	ontaminated soil	was rem	oved from	the affected	i area o	m 9-13-:	2013	
		ed area on loc completion TE		e sent to disposal.	Dispos	al. TPH samp	ling and closure r	eporting	will be do	ne by Hung	ry Hor	se .		
Livitoiment	ai (dale oi t	ompletion 12	3D).											
I hereby certi	fy that the	information gi	iven abov	e is true and comp	lete to	the best of my	knowledge and u	inderstai	nd that pur	suant to NM	OCD i	ules and	j	
regulations al	l operators	are required to	o report a	nd/or file certain i	release i	notifications a	nd perform correc	ctive acti	ons for rel	eases which	i may e	ndanger		
should their	or the envi	ronment. The	: acceptant	ce of a C-141 repo	ort by th	ie NMOCD m	arked as "Final R	eport" d	oes not ref	ieve the ope	rator o	f liabilit	y 	
or the environ	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 la	s and/or regu	ulations.		ф	aces not reine.	o and operator or	responsi	ome ioi c	omphanec	······································	younce		
	1/1	T			OIL CON	SERV	ATION	DIVISION	ŌN					
Signature:	7-1													
Printed Name	: Kevin Ha	ert			l	According to the state of the s								
						Approved by Environmental Specialist:								
Title: EHS S	pecialist				Approval Date: Expiration Date:									
E-mail Addre	ss: khart@	highsierraener	rgy.com		Conditions of Approval:									
Date: 9-12-1	2013		Pho	na: 432-631-5088		Attached								

SEP 2 4 2013

District 1
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazzos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 8750

State of New Mexico RECEIVEPhergy 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.

1220 S. St. Fran	1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505												
Release Notification and Corrective Action													
						OPERA	TOR	☐ Init	ial Report X Final Report				
Name of Co	mpany To	rro Operat	ing/High	Sierra Energy	T	Contact Chris Jensen/Torro OP or Kevin Hart/High Sierra Energy							
		round Rd,	Midland,	TX 79701		Telephone No. 303-829-5219 Chris Jensen							
Facility Nar	ne Hobbs	Battery				Facility Typ	e Battery						
Surface Ow	ner Torro	Operating		Mineral C)wner			API No	•				
				LOCA	ATIO	N OF RE	LEASE						
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	East/West Line	County				
N	14	208	38E		ĺ	•			Lea				
	1 14	20.9	_ 3012	F . 4/4 8 . 3	2 6777		102 12200	<u> </u>	LC4				
Latitude 32.57725Longitude -103.12399 NATURE OF RELEASE													
Type of Rele	ase Crude	Oil		11/4.1	UKE		Release 8 bbls	Volume	Recovered 0				
		flow from Ti	uck		····		lour of Occurrence		Hour of Discovery				
							0900hrs	12Sept13	0900hrs				
Was Immedi	ate Notice (Yes [No X Not Re	quired	If YES, To N/A	Whom?		•				
By Whom?						Date and I	lour N/A						
Was a Watercourse Reached?						If YES, VO	olume Impacting t	the Watercourse.					
If a Watercon	irse was Im	pacted. Descr	ibe Fully.	*		_1		· · · · · · · · · · · · · · · · · · ·					
N/A Describe Cause of Problem and Remedial Action Taken.*													
High Sierra load. He wa vent line. Di	Trans driv lked away v iver shut o	er was at loa while loading	ding tank to go che ind secur	#19. He wrote d ck sulfur conten	t of loa	d to determin	e destination. W	hen he returned,	e was less than 202 bbls to he noticed oil flowing from his release so crude soaked into				
Describe Are	a Affected	and Cleanup	Action Tal	ken.*									
Hungry Hor	se, LLC w	as contacted	to conduc	et the clean up. A	site as:	sessment was	conducted on th	e afternoon of the	release and it was noted that				
the impacted	d area was	approximate	ly 50° x 50	0' with about 80'	% cove	rage with dov	vnward penetrat	ion of approxima	ely 3" x 4". A backhoe was				
									mpacted soil being stockpiled				
Geoffrey Le	wo son san kine, NM (apies were co ICD, request	ed anoth	iu anaiyzeu ior C er sampling to de	.morta termin	es, 1 r m ano : e where the (b i c.X. Lab resui Thloride level re:	its indicated slight sched 250 nom of	ly elevated chlorides. less. This sample was obtained				
from the cer	iter of the i	mpacted are:	a at 1.5' b	clow ground sur	face. R	esults indicat	ed a chloride lev	el of lees that 250	ppm. Results were presented				
			approval.	This approval v	vas gra	nted and the	impacted area w	as backfilled with	clean base course.				
*Lab result			ven abovi	e is true and comr	lete to	the best of my	knowledge and u	inderstand that pur	suant to NMOCD rules and				
regulations a	II operators	are required t	o report a	nd/or file certain i	elease r	notifications a	nd perform correc	tive actions for rel	eases which may endanger				
									ieve the operator of liability				
									r, surface water, human health ompliance with any other				
		ws and/or regi			- Port		- the aperator of		ompitalise with any other				
	1/	1					OIL CON	SERVATION	DIVISION				
Signature:	H_	\mathbf{I}					-	·					
Signature.	- pr					Annroyad L.	Environmental C	nocialist:					
Printed Nam	e: Kevin H	ert				Approved by	Environmental S	T					
Title: EHS S	pecialist					Approval Da	te:	Expiration	Date:				
E-mail Address: khart@highsierraenergy.com						Conditions of Approval:							

Date: 24Sept13 Phone: 432-631-5088

* Attach Additional Sheets If Necessary



Hungry Horse Environmental

VERNON BLACK P.O. Box 1058 Hobbs NM, 88240

Fax To:

(505) 391-4585

HOBBS OCD

SEP 2 4 2013

RECEIVED

Received: Reported: 09/16/2013

09/18/2013

TORRO OPERATING - HOBBS BATTERY

NONE GIVEN

Sampling Date:

Sampling Type:

Sample Received By:

Sampling Condition:

Soil

** (See Notes) Jodi Henson

09/16/2013

Project Number: Project Location:

Project Name:

LEA COUNTY, NM

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

BTEX 8021B	mg/	kg	Analyze	d 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 (PIL	110 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP				··-	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	09/16/2013	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	77.7 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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 be dischained be table for indicental or consideration, business interruptions, loss of use, or loss of profits incurred by dient, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless 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. Keens



Hungry Horse Environmental VERNON BLACK P.O. Box 1058 Hobbs NM, 88240

(505) 391-4585

Fax To:

HOBBS OCD

SEP 2 4 2013

Received:

09/16/2013

Reported:

09/18/2013

TORRO OPERATING - HOBBS BATTERY

Project Name: Project Number:

NONE GIVEN

Project Location:

LEA COUNTY, NM

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 09/16/2017ECEIVED Soil

** (See Notes)

Jodi Henson

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

BTEX 80218	mg/	kg	Analyze	d 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 (PIL	111 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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			d 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 63.6-154 Surrogate: 1-Chlorooctadecane 73.1%

Cardinal Laboratories

*=Accredited Analyte

Celey & Keena



Hungry Horse Environmental

VERNON BLACK P.O. Box 1058 Hobbs NM, 88240

Fax To:

(505) 391-4585

Received:

09/19/2013

Reported:

09/24/2013

Project Name: Project Number: HOBBS BATTERY NONE GIVEN

Project Location:

LEA COUNTY, NM

Sampling Date:

09/19/2013

Sampling Type:

Sampling Condition:

** (See Notes)

Sample Received By:

Jodi Henson

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

Chloride

mg/kg

Analyzed By: AP

Analyte

Result 48.0

Reporting Limit 16.0

Analyzed 09/23/2013 Method Blank ND

BS 432 % Recovery 108

True Value QC 400

RPD 0.00 Qualifier

HOBBS OCD

RECEIVED

NMOCD-DISTI

9/24/13

Cardinal Laboratories

*=Accredited Analyte

any other cause whatsoever shall be deemed walved 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 con 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 Labors

Celen Di Keena 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 0 9 2013

RECEIVED

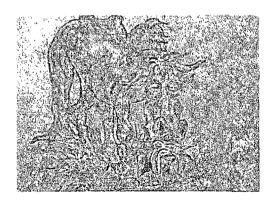


Table of Contents

1.0 Introduction	pg. 1
2.0 Area Description	pg. 1
3.0 Remediation Process	pg. 1-2

<u>Attachments</u>

Attachment 1	 Overhead V 	iew
--------------	--------------------------------	-----

Attachment 2 – Lab Analytical & Chain of Custody

Attachment 3 – Site Drawing

Attachment 4 – Photos of Progress

Attachment 5 – Drilling Permit/Water Information/Drill Log

Attachment 6 - One Call

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.

3.0Site 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 foe 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



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 accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D. Keene

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



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)

8TEX 8021B	mg/kg		Analyze	Analyzed By: AP					···
Analyte:	Result	Reporting Limit	Analyzed	Method Blank	88	% 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	87.5 9	% 89.4-12	6	1984					
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	65.2-14	0						
Surrogate: 1-Chlorooctadecane	93.89	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celup D. Keine



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: Project Number: HOBBS BATTERY NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

06/03/2013

Sampling Type:

Soil

Sampling Condition:

** (See Notes)

Sample Received By:

Jodi Henson

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

BTEX 8021B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	<0.050	0.050	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	<0.050	0.050	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	<0.150	0.150	06/04/2013	ND	6.58	110	6.00	4.09	
Total BTEX	<0.300	0.300	06/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	89.2	% 89.4-12	6						
Chloride, SM4500CI-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	94.69	65.2-14	0						
Surrogate: 1-Chlorooctadecane	97.09	63.6-15	4						

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Celey & Keine



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 2 @ 1' (H301285-03)

BTEX 8021B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	0.457	0.050	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	0.359	0.050	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	0.971	0.150	06/04/2013	ND	6.58	110	6.00	4.09	
Total BTEX	1.79	0.300	06/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 9	% 89.4-12	6						
Chloride, SM4500CI-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	% 65.2-14	0						
Surrogate: I-Chlorooctadecane	1129	63.6-15	4						

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Celey D. Keene



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: Project Number: HOBBS BATTERY NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

ı Date:

06/03/2013

Sampling Type:

Soil

Sampling Condition:

** (See Notes)

Sample Received By:

Jodi Henson

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

BTEX 8021B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	0.315	0.050	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	0.281	0.050	06/04/2013	ND	2,34	117	2.00	4.27	
Total Xylenes*	0.915	0.150	06/04/2013	ND	6.58	110	6.00	4.09	
Total BTEX	1.51	0.300	06/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	110 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: DW		·····				<u> </u>
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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	110 9	% 63.6-15	4						

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any other cause whatsoever shall be deemed waked unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be deemed waked unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be deemed waked unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be deemed within thirty (30) days after completion of the applicable service. In no event shall be deemed within thirty (30) days after completion of the applicable service. In no event shall be deemed within thirty (30) days after completion of the applicable service. In no event shall be deemed within thirty (30) days after completion of the applicable service. In no event shall be deemed within thirty (30) days after completion of the applicable service. In no event shall be deemed within thirty (30) days after completion of the applicable service. In no event shall be deemed within thirty (30) days after completion of the applicable service. In no event shall be deemed within thirty (30) days after completion of the applicable service. In no event shall be deemed within thirty (30) days after completion of the applicable service. In no event shall be deemed within thirty (30) days after completion of the applicable service. In no event shall be deemed within thirty (30) days after completion of the applicable service. In no event shall be deemed within thirty (30) days after completion of the applicable service. In no event shall be deemed within thirty applicable service. In no event shall be deemed within thirty applicable service. In no event shall be deemed within thirty (30) days after completion of the applicable service. In no event shall be deemed within thirty (30) days after completion of the applicable service. In no event shall be deemed within thirty (30) days after completion of the applicable service. In no event shall

Celeg & Keene



Hungry Horse Environmental OSCAR FRAYRE P.O. Box 1058 Hobbs NM, 88240

Fax To:

(505) 391-4585

Received: Reported: 06/03/2013

06/05/2013

Project Name: Project Number: HOBBS BATTERY NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

06/03/2013

Sampling Type:

Soil

Sampling Condition:

** (See Notes)

Sample Received By:

Jodi Henson

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

BTEX 8021B	mg/kg		Analyzed By: AP						····
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	0.155	0.050	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	0.058	0.050	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	0.346	0.150	06/04/2013	ND	6.58	110	6.00	4.09	
Total BTEX	0.559	0.300	06/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105 9	% 89.4-12	6						
Chloride, SM4500CI-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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	101 9	% 63.6-15	4						

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Hungry Horse Environmental OSCAR FRAYRE P.O. Box 1058 Hobbs NM, 88240

Fax To:

(505) 391-4585

Received: Reported: 06/03/2013

06/05/2013

Project Name: Project Number: HOBBS BATTERY

Project Location:

NONE GIVEN **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 (PIL	127 %	6 89.4-12	6							
Chloride, SM4500CI-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	99.79	65.2-14	0							
Surrogate: 1-Chlorooctadecane	105 %	63.6-15	4			•				

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Celey D. Keine



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 4 @ 1' (H301285-07)

BTEX 80218	mg/	kg	Analyze	d 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	105 9	% 89.4-12	6		-				
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: MS	·				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	110 9	% 63.6-15	4						

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Celey D. Keine



Hungry Horse Environmental OSCAR FRAYRE P.O. Box 1058 Hobbs NM, 88240

Fax To:

(505) 391-4585

Received: Reported: 06/03/2013

06/05/2013 **HOBBS BATTERY**

Project Name: 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	Analyze	d 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	96.69	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/kg		Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0 10.0		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	94.79	65.2-14	0			·			
Surrogate: 1-Chlorooctadecane	97.2 9	63.6-15	4			,			

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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: Project Location:

NONE GIVEN

NOT GIVEN

Sampling Date:

06/03/2013

Sampling Type:

Soil

Sampling Condition:

** (See Notes)

Sample Received By: Jodi Henson

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

BTEX 8021B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	<0.050	0.050	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	<0.050	0.050	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	<0.150	0.150	06/04/2013	ND	6.58	110	6.00	4.09	
Total BTEX	<0.300	0.300	06/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.7	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/kg		Analyze	d 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	Analyze	d By: MS	r: 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	% 65.2-14	0						···-
Surrogate: I-Chlorooctadecane	94.3	% 63.6-15	4						

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Received: Reported: 06/03/2013

06/05/2013

HOBBS BATTERY

Project Number: Project Location:

Project Name:

NONE GIVEN

Sampling Date:

06/03/2013

Sampling Type:

Soil

Sampling Condition: Sample Received By: ** (See Notes)

Jodi Henson

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

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	<0.050	0.050	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	< 0.050	0.050	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	<0.150 0.150		06/04/2013 ND		6.58	110	6.00	4.09	
Total BTEX	<0.300 0.300		06/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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	% 65.2-14	o						
Surrogate: 1-Chlorooctadecane	95.9 9	% 63.6-15	4						

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Received: Reported: 06/03/2013

06/05/2013

Project Name: Project Number: **HOBBS BATTERY**

Project Location:

NONE 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	Analyze	d By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie	
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 1.50 188 3.00		06/04/2013	ND	6.58	110	6.00	4.09		
Total BTEX	188 3.00		06/04/2013 ND							
Surrogate: 4-Bromofluorobenzene (PIL	171	% 89.4-12	6			· ···				
Chloride, SM4500CI-B	mg	kg	Analyze	d 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 4:			108	400	0.00		
TPH 8015M	mg/	kg	Analyze	d 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 :	65.2-14	0				t			
Surrogate: 1-Chlorooctadecane	250	63.6-15	4							

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Received:

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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 7 @ 1' (H301285-12)

BTEX 8021B	mg/	kg	Analyze	d By: AP			·	<u> </u>	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	06/04/2013	ND	2.41	120	2.00	5.01	
Toluene*	0.673	0.500	06/04/2013	ND	2.16	108	2.00	4.29	
Ethylbenzene*	0.952	0.500	06/04/2013	ND	2.34	117	2.00	4.27	
Total Xylenes*	5.12	1.50	06/04/2013 ND		6.58	110	6.00	4.09	
Total BTEX	6.75 3.00		06/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	PIC 111 % 89.4-12		6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	97.0	% 63.6-15	4						

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Received:

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Sampling Date:

06/03/2013

Reported:

06/05/2013

Sampling Type:

Soil

Project Name:

HOBBS BATTERY

Sampling Condition:

** (See Notes)

Project Number: Project Location: NONE GIVEN

Sample Received By:

Jodi Henson

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

BTEX 80218	1B mg/kg			d By: AP		5-04			
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 (PIL	210 %	6 89.4-12	16						
Chloride, SM4500Cl-B	mg/i	kg	Analyze	d 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/l	kg ·	Analyze	d By: MS		Va			
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 %	6 65.2-14	10						
Surrogate: I-Chlorooctadecane	84.9 9	63.6-15	i <i>4</i>						

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Received: Reported: 06/03/2013

06/05/2013

Project Name: Project Number: **HOBBS BATTERY** 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 .	Analyze	d 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 (PIL	133 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0 10.0		06/03/2013	ND	207	104	200	1.83	
DRO >C10-C28	C10-C28 82.5 10.0		06/03/2013	ND	221	110	200	3.31	
Surrogate: 1-Chlorooctane	99.0	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	98.4	% 63.6-15	4						

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06/05/2013

Reported: Project Name:

HOBBS BATTERY

Project Number: Project Location:

NONE GIVEN

Sampling Date:

06/03/2013

Sampling Type:

Soil

Sampling Condition:

** (See Notes)

Sample Received By:

Jodi Henson

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

BTEX 8021B	mg/	kg	Analyze	d 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 9	6 89.4-12	6							
Chloride, SM4500CI-B	mg/kg		Analyze	d 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	Analyze	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		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	% 65.2-14	0	3						
Surrogate: 1-Chlorooctadecane	170 9	63.6-15	4							

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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	Analyze	d 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	% 89.4-12	6				110		
Chloride, SM4500Cl-B	mg/	kg	Analyze						
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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/03/2013	ND	207	103	200	2.24	
PRO >C10-C28 27.3		10.0	06/03/2013	ND	211	105	200	3.88	
Surrogate: 1-Chlorooctane	98.3	% 65.2-14	0					•	
Surrogate: 1-Chlorooctadecane	97.2	% 63.6-15	4						

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Received: Reported: 06/03/2013

06/05/2013

Project Name: Project Number: HOBBS BATTERY 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)

Analyte		kg	70.00-70-0	d By: AP					
	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 0.150		06/04/2013 ND		110	6.00	4.09	
Total BTEX	<0.300	0.300	06/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (Pi	E 97.0	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	mg/kg		d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/03/2013	ND	207	103	200	2.24	
	10-C28 335 10.0		06/03/2013	ND	211	105	200	3.88	
DRO >C10-C28									
DRO >C10-C28 Surrogate: 1-Chlorooctane	104	% 65.2-14	10						
	335	10.0	06/03/2013	ND	211	105	200		3.88

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 weived 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, white inhalizing, unknown limitating, u

Celay D. Kune



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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(575) 393-2326 FAX (575) 393-247	6				<u>. </u>				1 × 11						· 15. 1.		``, `` `		•		
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City: Holdes	State: N. M	Zip:	Ę	38240		Att	n:			· .		ļ ·							<u> </u>			
Phone #:	Fax #:		+ 1			Adı	dress:				1				1						. •	
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Project Name:	A Section of the sect			7	ا د ا	Sta	ite:	Zip) :			1. 4			- Pr		'	ļ	'			
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[†] Cardinal cannot accept verbal changes. P



Company Name:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

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

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#:	
(G)RAB OR (C)OMP. # CONTAINERS GROUINDWATER WASTEWATER SOIL TABLES GROUINDWATER SOIL	ii a	
(G)RAE # CON GROUI	STUDGE OTHER: ACID/BASE ICE / COO OTHER:	3/42
II main Battery ptacl' 6 ! K	16-3-13 8:50	X × ×
12 p+7@1'61 x	1 8:55	- × × ×
	 	
13 S/EUBAHER pt#8@1'6 1 & 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 9.00	× × ×
14 pt# 8@3 6 1 X	1 9:05	
15 JW BATTER P + # 9 C1 6 1 X	1 9:10	
	+++++++++	
16 S/E BATT P+#1001'	9:15	
PLEASE NOTE: Liability and Damagos. Cardinal's liability and clients exclusive remedy for any claim erfeing whether based it analyses. All cleams including those for negligence and any other cause whatsoever shall be deemed walved unless made in a service. In 2 dwart shall be refunded be lable for incliental or consequents if damages, including without initiation, business interest attitudes of autocorsons ericing out to exercise the consequents of services hereaunder by Cardinal, regardless of whether st	contract or toff, shall be limited to the amount paid by the client fo liting and received by Cardinia within 30 days after completion of i splone, lose of use, or lose of profits incurred by client, its subsidi h pisim is besed upon any of the above stated reasons or otherw	the applicable laries, vies
Relinquished By: Timp: U.5 Received By: Timp: U.5 Received By: Received By: Received By:	Henson Phone Re Fax Resul REMARK	uit: 🗆 Yes 🗆 No. Add'l Fax#:
Time: Delivered By: (Circle One) Sampler - UPS - Bus - Other: Sample Cool II	ondition CHECKAD BY:	April Dungy-horse com
Sampler - UPS - Bus - Other:	3 100 / //	

[†] Cardinal cannot accept verbal changes. Please fax written changes to (575) 397-2326



July 31, 2013

OSCAR FRAYRE

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: HOBBS BATTERY

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

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceg.texas.gov/field/qa/lab accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Whe South

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,

Mike Snyder

Organic Supervisor



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 #1 @ 2' (H301795-01)

BTEX 8021B	mg/	kg	Analyze	d 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	18.3	
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 (PIL	102 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/30/2013	ND	186	93.0	200	3.32	
₱RO >C10-C28	685	10.0	07/30/2013	ND	197	98.5	200	4.59	
Surrogate: 1-Chlorooctane	94.5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	132 9	% 63.6-15	÷.						

Cardinal Laboratories

*=Accredited Analyte

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any other cause whatsoever shall be deemed waked unless make in writing and received by Clerifunal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, retuding, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subcidaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether succidains 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 execut in full with written approved of Cardinal laboratories.

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Mike Snyder, Organic Supervisor



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 NONE GIVEN

Sampling Condition: Sample Received By: ** (See Notes) Amanda Ponce

Project Number: Project Location:

NOT GIVEN

Sample ID: S/W RATTERY DT #2 @ 2' (H301795-02)

Sample 10. 5/ W DATTER	11 47 67 (11207) 22 07	• 7
BTEX 8021B	mg/kg	Analyzed By: DW

BTEX 8021B		/kg	Analyzed By: DW						<u>5-04</u>		
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							
Total Xylenes*	0.267	0.150	07/31/2013	ND							

Surrogate: 4-Bromofluorobenzene (PIL	155	% 89.4-12	6						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AF					
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	Analyze	d 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	
⊇RO >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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whe South

Mike Snyder, Organic Supervisor



Hungry Horse Environmental OSCAR FRAYRE P.O. Box 1058 Hobbs NM, 88240

Fax To:

(505) 391-4585

Received: Reported:

07/30/2013

07/31/2013

Project Name:

HOBBS BATTERY

Project Number: Project Location: NONE GIVEN

NOT GIVEN

Sampling Date:

07/30/2013

Sampling Type:

Soil

Sampling Condition:

** (See Notes)

Sample Received By: Amanda Ponce

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

BTEX 8021B	mg/	kg	Analyze	d 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 (PIL	186 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	Analyze	d 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: I-Chlorooctane	94.2	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	120 9	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder, Organic Supervisor



Notes and Definitions

5-04 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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whe South



Company Name:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

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

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Phone #:		Fax #:			. ·	·		Add	ress:			<u> </u>			1			•		1.	· ·	' '			
Project #:		Project Owner		orc	<u>. O</u>	mak		City	:				1				ļ	1				<u> </u>			
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analyses. All claims include	iing those for negligence and any other o Cardinal be liable for incidental or consec	ed lishe tevecaterw saus	deem	ed wal	ed unlass	made in w	riting and	d receiv	ed by Card	dinal w	vitnin 30 days of	ter completion	of the ap	plicable	• .										
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Sample Condition

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



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 accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D. Keene

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,

.2

Celey D. Keene

Lab Director/Quality Manager

Page 1 of 10



Hungry Horse Environmental OSCAR FRAYRE P.O. Box 1058 Hobbs NM, 88240

Fax To:

(505) 391-4585

Received: Reported: 08/15/2013

08/16/2013

Project Name: Project Number: HOBBS BATTERY

Project Location:

NONE 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	Analyze	d 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	% 61.3-14	12						
Surrogate: Toluene-d8	103	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	102	% 65.7-14	ı,						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	108	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celey & Keine



Hungry Horse Environmental OSCAR FRAYRE P.O. Box 1058 Hobbs NM, 88240

Fax To:

(505) 391-4585

Received:

08/15/2013

Reported:

Sampling Date:

08/15/2013

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	Analyze	d 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	% 61.3-14	12						
Surrogate: Toluene-d8	104 9	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	103 9	65.7-14	1		·				
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Anatyzed	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	Analyze	d 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 9	% 65.2-14	0				,		
Surrogate: 1-Chlorooctadecane	181 9	63.6-15	4						

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Celey D. Keine



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	Analyze	d By: MS					5-04
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	% 61.3-14	2				····		
Surrogate: Toluene-d8	101	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	196	% 65.7-14	1						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: D₩					
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	Anatyze	d 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	% 65.2-14	0						_
Surrogate: 1-Chlorooctadecane	495	% 63.6-15	4						

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Hungry Horse Environmental OSCAR FRAYRE P.O. Box 1058 Hobbs NM, 88240

Fax To:

(505) 391-4585

Received: Reported: 08/15/2013

08/16/2013

Project Name:

HOBBS BATTERY

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/15/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By: Jodi Henson

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

BTEX 8260B	mg,	/kg	Analyze	d 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	% 61.3-14	2						
Surrogate: Toluene-d8	102	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	139	% 65.7-14	1						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	263	% 63.6-15	4						

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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: Project Number: **HOBBS BATTERY 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	Analyze	d 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	% 61.3-14	2						
Surrogate: Toluene-d8	103	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	103	% 65.7-14	1						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 65.2-14	o						
Surrogate: I-Chlorooctadecane	104 9	% 63.6-15-	4						

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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	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualific
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	% 61.3-14	2						
Surrogate: Toluene-d8	118	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	203	% 65.7-14	1						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: D₩					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifi
Chloride	400	16.0	08/16/2013	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifi
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	% 65.2-14	0						-
Surrogate: 1-Chlorooctadecane	nte: 1-Chlorooctadecane 118 % 63.6-15		4						

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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 **HOBBS BATTERY**

Project Name: Project Number:

NONE GIVEN

Project Location:

Sampling Date:

08/15/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

NOT GIVEN

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

BTEX 8260B	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	% 61.3-14	2						
Surrogate: Toluene-d8	102	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	223	% 65.7-14	7						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	48.0	16.0	08/16/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: DW			···		S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	1090	% 63.6-15	4						

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Celey & Keine



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. Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(575) 393-2326 FA	X (575) 393-247(}											·	-								
Company Name		rse ll								引骨心 量				•	/	ANAL	Y818	RE	QUE	3T		-	
Project Manager: Oscar Ecoure						_ P	P.O. #:									.	_			1			
Address: 🎗 O	BOX 1058	Eunice H	ريه	4			C	ompa	ny:	<u> </u>		li	- 1				l				- 1	1	
City: 16665		State: N. M	Zip	51	يهع	41		ttn:									J				- 1		ł
Phone # 595	71631-0983	Fax #:					A	ddres	6 :				. [.	l						
Project #:		Project Owner		00	cal	Der	<u> </u>	lty:									1				ı	- 1	
Project Name:						- I	8	tate:		Zlp:	·						1	·	[. 1	
Project Location	: Hobbs BA	Herry_			·	, , , , , , , , , , , , , , , , , , ,	P	hone	#:			1 1	ا		1	Ì	ļ					l	
Sampler Name:	Oscar Fra	ne						ax#:			والمساعدي		13	,	!		ļ					.]	
FOR LAB USE ONLY		•	۸.		·	MATRIX		PRE	SERV.	SAMPLI	NG .		Z		+	·	ł					. 1	
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Lab I.D.	Sample	1.0.	BOR	Š	N N		8	3	8 8		,	17	12		1	ľ	Ì						
4301946	.M 20	·	(G)RA	8	GROUNDWATER	100 H	SLUDGE	ACID/BASE:	ICE / CO	DATE	TIME	V	7	(4)			·						
7,30,130	TALL BANK	M 07 (01.5			<u> </u>	1	0) (1:20	V	Y	V									
2	main Ration	87202	6		- -	1		1	-	8.15	1:25	文	Ÿ	Ż	 				1				
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/	Relinquished By:	Phone Result: ☐ Yes ☐ No Add' Phone #: Fax Result: ☐ Yes ☐ No Add' Fax #:
	1 (La Time 15) May sill some	REMARKS:
/`	Rethiquished By: Date: Répelved By:	V Black Chungry - horse.com
	Time:	Otrajne Chungry-korse.om
	Delivered By: (Circle One) Sample Condition CHECKER BY:	T Salines Chungry - lesise . com
	Sampler - UPS - Bus - Other:	Chris Jensen - chris @pccos. hostpilot.com
	† Cardinal cannot accept verbal changes. F) fax written changes to (676) \$93-2326	"Lost" WAUSH" BUSK"



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/ga/lab accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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



Hungry Horse Environmental OSCAR FRAYRE P.O. Box 1058 Hobbs NM, 88240

Fax To:

(505) 391-4585

Received: Reported: 09/23/2013

09/25/2013

HOBBS BATTERY

Project Number: Project Location:

Analyte

Analyte

Analyte

Project Name:

SOUTHWEST BATTERY

LEA COUNTY, NM

Sampling Date:

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

09/19/2013

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

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Analyzed

Analyzed

Analyzed

Method Blank

BS % Recovery True Value OC

RPD Oualifier

Chloride

Result 64.0

16.0

Reporting Limit

Reporting Limit

Reporting Limit

09/24/2013

ND

Method Blank

ND

416

400

3.77

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

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

% Recovery

104

True Value OC

Oualifier

Chloride

96.0

Result

16.0 09/24/2013

BS 416

104

400

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

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Method Blank

BS

% Recovery

True Value QC

RPD

Qualifier

Chloride

64.0

Result

16.0 09/24/2013

ND

416

104

400

3.77

RPD

3.77

Cardinal Laboratories

*=Accredited Analyte

any other cause whatsoever shall be deemed warved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. Includation, without limitation, business interruptions, loss of use, or less of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, recardless of whether such

Celeg & Keine

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 5



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	Analyze	d 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 9	% 89.4-12	6						, , , , , , , , , , , , , , , , , , , ,
Chloride, SM4500CI-B	mg/	kg	Analyze	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		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/23/2013	ND	199	99.4	200	0.186	
DRO >C10-C28	RO >C10-C28 <10.0 10.0		09/23/2013	ND	194	97.0	200	0.388	
Surrogate: 1-Chlorooctane	101 9	65.2-14	0				***************************************	. ,	
Surrogate: 1-Chlorooctadecane	109 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardna's lability and cherts exclusive remedy for any claim arising, whether based in contract or tour, shall be limited to the amount paid by cleint for analysis. All claims, including those for negligence and any other clause whateover shall be becomed waived unless made in writing and received by Cardnal within thirty (30) days after completion of the applicable service. In no event shall Cardna's be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by cleint, its subsidiaries, affiliates or successors arising act of or related to the performance of the services hereunder by Cardna's, regardless of whether such claims 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 & Kune



Notes and Definitions

A-019	Surrogates railed 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 ac received basis (wet) unless otherwise noted on report

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Celey & Kune



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

(0/0) 393-2320 FAA (3/3) 393-24/0										
Company Name: There y Horse U.C	BILLTO	ANALYSIS REQUEST								
Project Manager: Scar França	P.O. #:									
Address: 1058 S. Eurice Buy	Company:	4								
City: Holdes State: N. M. Zip: 88240	Attn:									
Phone #(545)63(-69.83 Fax#:	Address:									
Project #: Project Owner: Tomo Operch	City:									
Project Name: Hobbs BAHEry	State: Zip:									
Project Location: South West Rottery	Phone #:									
Sampler Name: Scar Furt	Fax #:									
FOR LAB USE ONLY MATRIX	PRESERV SAMPLING	1 2								
OMP OMP		1 5								
ERS (C)										
Lab I.D. Sample I.D.	ASE COL									
(G)RAB OR (C)OP # CONTAINERS # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER: OTHER: OTHER: OTHER:									
1 5-WROLLING SOIL POR CIO DI	V 9-19 4:00 V 9-19 4:00									
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PLEASE NOTE: Liability and Damages. Cardinat's liability and client's exclusive remedy for any claim arising whether based in contra analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing to	ict or tort, shall be limited to the amount paid by the client and received by Cardinal within 30 days after completion of	for the								
service. In no event shall Countal be liable for incidental or consequental dameges, including without timitation, business interruption affliator of suggestions suffing out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim.	s, loss of use, or loss of profits incurred by client, its subsid	diarios,								
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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 accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D. Keens

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



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

HOBBS BATTERY

Sampling Condition:

Cool & Intact

Project Name: 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

Analyte

Result

Reporting Limit

BS % Recovery True Value QC

Qualifier

Chloride

32.0

16.0

Reporting Limit

10/03/2013

Analyzed

Analyzed

Method Blank ND

416

104 400

RPD 0.00

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

Chloride, SM4500Cl-B

mg/kg

Analyzed By: GR

Method Blank

ND

% Recovery

True Value QC

Chloride

Result 592

16.0 10/03/2013

BS 416

104

400

Qualifier RPD

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

Chioride, SM4500Cl-B

mg/kg

Analyzed By: GR

Analyte	Result	Reporting Limit	Analy
Chloride	240	16.0	10/03/

yzed 3/2013 Method Blank ND

BS 416 % Recovery 104

True Value QC 400

RPD 0.00

0.00

Qualifier

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 5



Hungry Horse Environmental OSCAR FRAYRE P.O. Box 1058 Hobbs NM, 88240

Fax To:

(505) 391-4585

Received:

10/01/2013

10/08/2013

Reported: 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Anatyzed	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 (PIC	112	% 89.5-12	6						
Chloride, SM4500Cl-B	mg,	/L	Analyze	d 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		Analyze	d 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	% 48.7-16	4						
Surrogate: 1-Chlorooctadecane	92.7	% 54.8-16.	5						

Cardinal Laboratories

*=Accredited Analyte

RLEASE NOTE: Uability and Damages. Cardinal's liability and client's exclusive remetly 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 Clerchal within 1117 (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 subclaims, affaits 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. Keine



ND

Notes and Definitions

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 SM4500CI-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. Keine

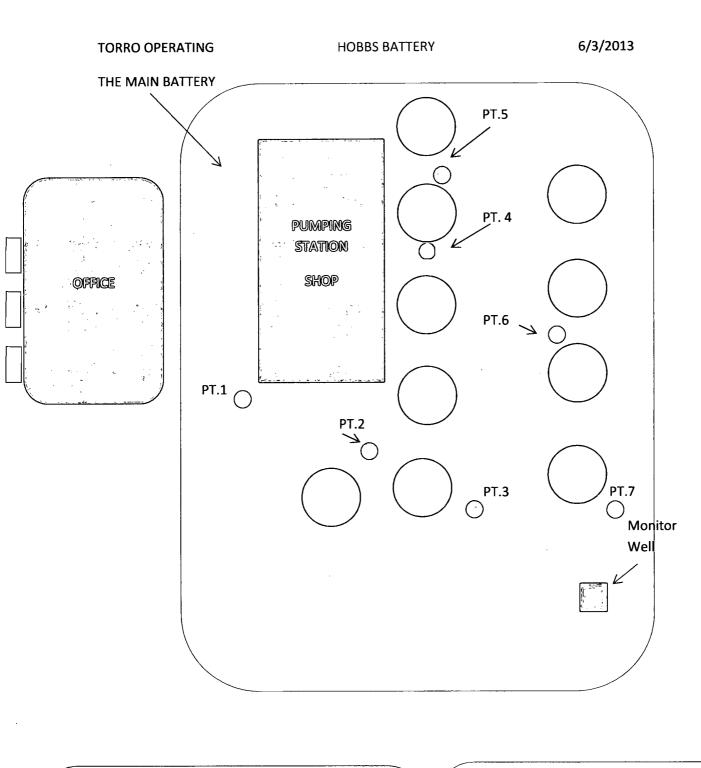


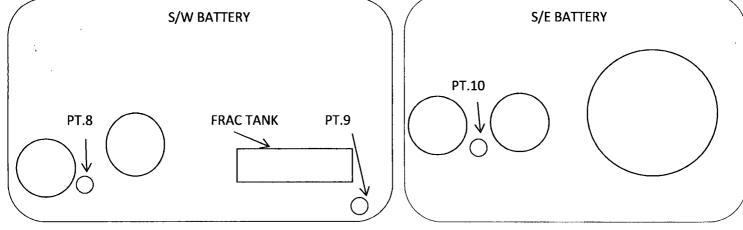
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

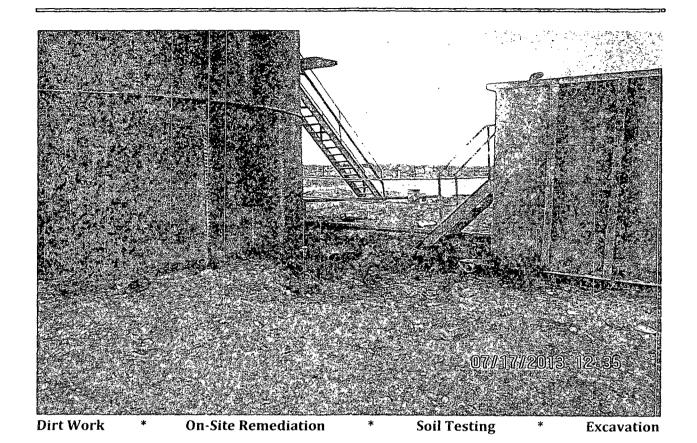
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	Project Location: Nobbs BALLEY					Phor	ne #:		. •		٠.							}.	-		
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H302384	Main BAH-SoilBoca DW	*	0 5	8 8	၂	<u> </u>	<u> </u>	90-1	2:10	$\overline{}$								 	\vdash		
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3	<u></u>	1	1	11	\top	十	议	10-1	2:20	\					.			<u> </u>	<u> </u>		
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<u> </u>	Main Battery Monitor well @60'	5		1		X	X _	10-1	3:00	LX	X	7	ļ <u>-</u> -	<u> </u>			ļ	1	<u> </u>		
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PLEASE NOTE: Liability of	and Damages. Cardinal's liability and client's exclusive remedy for	any claim aris	ing wheth	er based in	contract	or tort, s	hall be limited	to the amount pa	id by the client fo	or the		L		<u> </u>			<u> </u>	.1.			
service. In no event shall (ling those for regigeros and any other cause whatsoever shall be Cardinal be lighte for incidental or consequents damages, including ting out of or related to the performance of services hereunder by	g without limi	tation, busi	ness interr	uptions, l	oss of u	se, or loss of	profits incurred by	cliant, its subsidi	aries,)ie										
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† Cardinal	cannot accept verbal changes. Pleas	e fax wi	ritten d	hange	s to (575)	393-28	26.												• .	

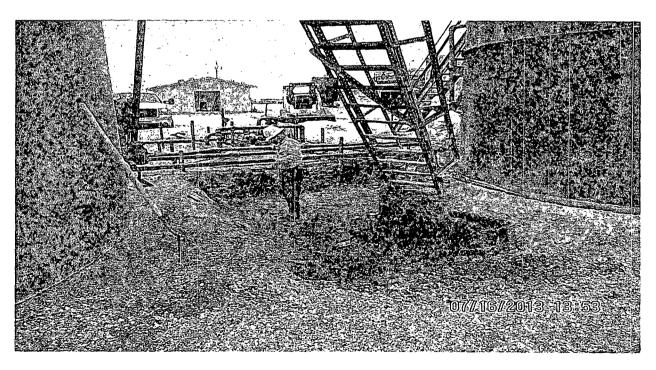
Attachment 3





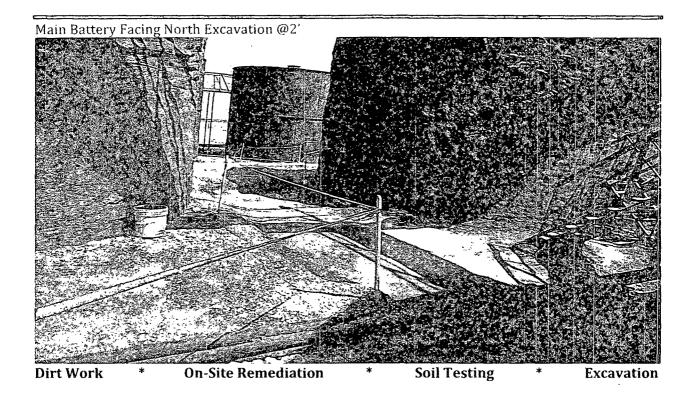
Attachment 4

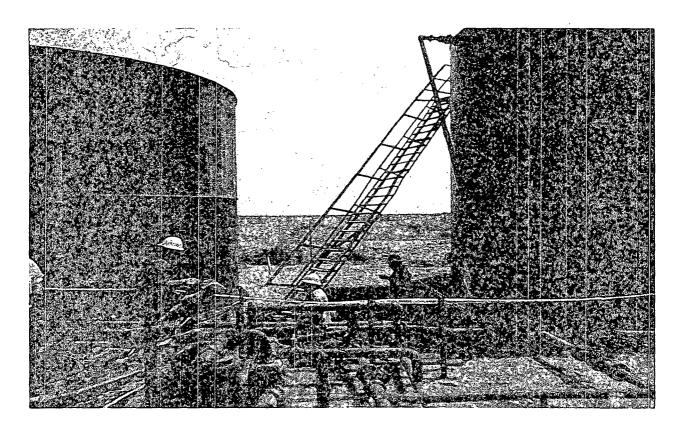




P.O. Box 1058 * Hobbs New Mexico * Office 575-393-3386 * Fax 575-391-4585

HUNGRY HORSE, LLC ENVIRONMENTAL SERVICES





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

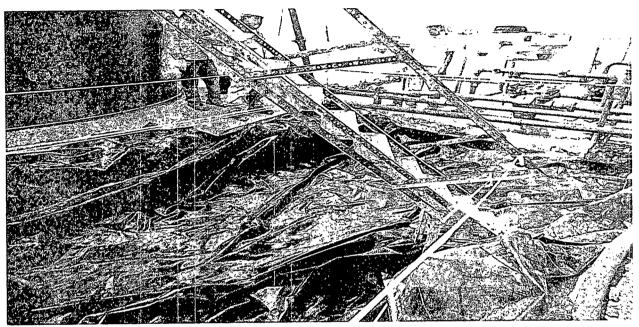
Main Battery Facing North Excavation @2' Dirt Work

* On-Site Remediation

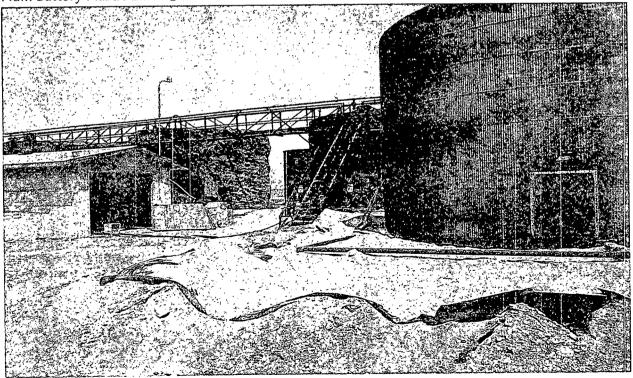
Soil Testing

Excavation

S/W Battery Plastic Liner at @3'BGS

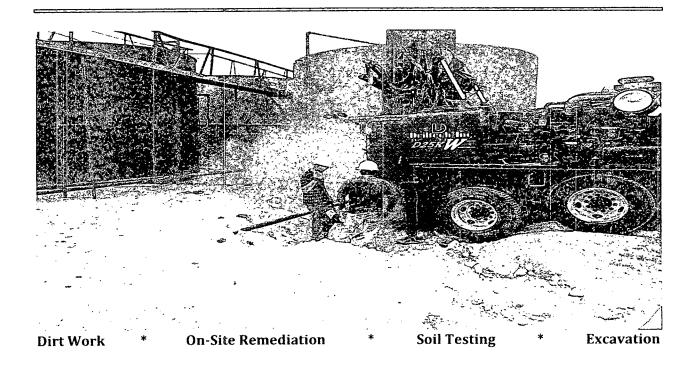


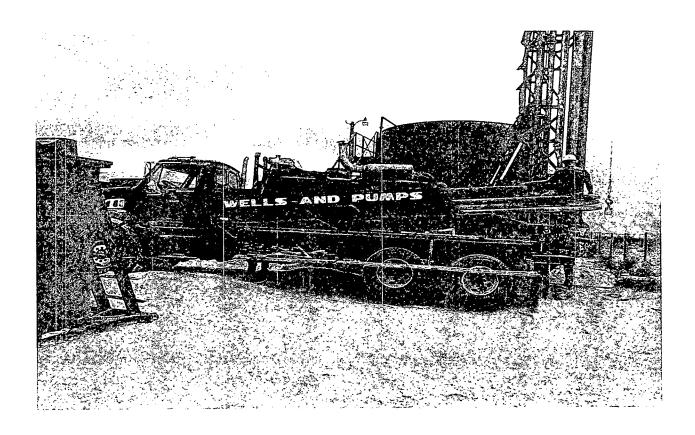
Main Battery Plastic Liner @3'BGS



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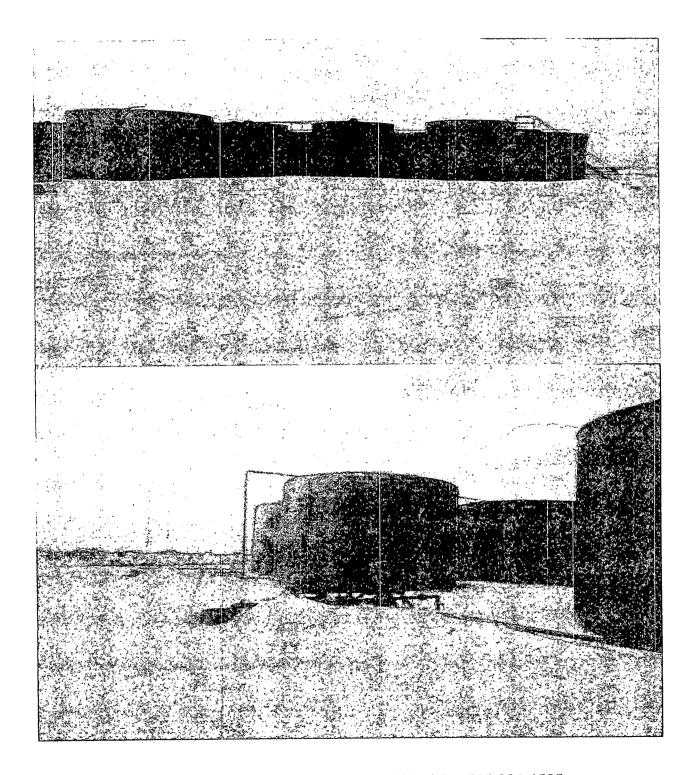
HUNGRY HORSE, LLC ENVIRONMENTAL SERVICES





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



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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,

Andy Morley (575)622-6521

dunal

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)

X

POD Number

Q64 Q16 Q4 Sec Tws Rng

L 02239

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:

Depth Well:

Source:

Shallow

Pump Type: Casing Size: Pipe Discharge Size:

90 feet

Depth Water:

Estimated Yield:

38 feet

*UTM location was derived from PLSS - see Help



	OSE POD N	UMBER (WELL	NUMBER)	· · · · · · · · · · · · · · · · · · ·	T	OSE FILE NUMBER(S)						
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POD NUMBER

TRN NUMBER

PAGE 1 OF 2

FILE NUMBER

LOCATION

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			SIGNAT	URE OF DRILL	ER / PRINT SIGNEE NAME		DATE	
FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 06/08/2012)	. 01	COST MAIN	. 11 (12 (13)		W K-20	"LLL K	ECORD & LOG (Ve	C. D.O. 00/00/2012)

POD NUMBER

TRN NUMBER

PAGE 2 OF 2

FILE NUMBER

LOCATION

Attachment 6

8MN

New Mexico One Call

'ocate Request Confirmation Header Code: STANDARD LOCATE

Request Type:

2013211744 Seq. No: 0 'icket No:

Update of:

riginal Call Date: 05/22/2013 Time: 08:48:27 AM OP: 240 'ransmit Date: 05/22/2013 Time: 08:57:52 AM 05/24/2013 Tork to Begin Date: Time: 08:48:00 AM

ompany:

HUNGRY HORSE LLC

ontact Name: VERNON BLACK Contact Phone: (575)631-2253..lternate Contact: OSCAR FRAYRE Alternate Phone: (575)631-0983 Best Time to Call: Fax No: (575) 391-4585

ell Phone: Pager No:

imail: vblack@hungry-horse.com

State: NM County: LEA City: RURAL LEA

.ddress: , HOBBS BATTERY

'o Address:

Nearest Intersecting Street: ?nd Intersecting Street:

Subdivision:

Jatitude: 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:

Mechanical Boring: Easement: Premarked:

Work Being Done For: TORO OPERATING

The following utility owners have been notified:

WNDSTRM SUGS 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

Date: 7(1/13 Phone: 3

* Attach Additional Sheets If Necessary

Phone: 303-829-5219

HOSSS OCD

State of New Mexico

Energy Minerals and Natural Resources

JUL 0 1 2013

Oil Conservation Division

Form C-141 Revised August 8, 2011 Submit 1 Copy to appropriate District Office in

1000 Rio Brazo	s Road, Azte	c, NM 87410		1000	. С	1 Ct F		a	cordance w	ith 19.	15.29 NMAC.		
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			Rela	ease Notific	catio	n and Co	orrective A	ction					
						OPERA	TOR	X Initi	al Report		Final Report		
		ro Operatii				Contact Chris Jensen							
		Place Midl	and, TX	79705		Telephone No. 432-425-1773 or 303-829-5219							
Facility Na	me Hobbs	Battery		<u> </u>	1	Facility Typ	e Tank Batter	<u>y</u>					
Surface Ow	ner			Mineral (Owner			API N).				
				IOC	ATIO	N OIR BIR	LEASE.						
Unit Letter	Section	Township	Range	Feet from the		ATION OF RELEASE North/South Line Feet from the East/West Line County							
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By Whom? N Was a Water		hed?				Date and I	our IVA	the Watercourse					
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If a Watercou	urse was Im	pacted, Descr	ibe Fully.	· · · · · · · · · · · · · · · · · · ·			·						
N/A													
	ise of Proble	em and Reme	dial Actio	n Taken.*		· · · · · · · · · · · · · · · · · · ·			, ,, , , , , , , , , , , , , , , , , ,				
The battery	has areas t	hat are stain	ed with h	ydrocarbons and	some	chlorides from	n various antiqu	ated releases. All	are inside t	he fire	walls except		
				i samples, 1° and bmitted for revi			obtained and an	alyzed at Cardina	l Lab for C	alorido	es, TPH, and		
See attached	l Lab Analy	ysis, Spread S	Shect, Ske	tch of Battery w	rith San	nple Points, a	nd Remediation	Work Plan.					
Dagariba Ara	a Affordad	and Cleanup	Action Tol	lena \$									
Describe Are	a Anocicu i	and Cleanup y	action 1 at	KCII.									
I hereby certi	fy that the i	nformation of	ven above	e is true and come	lete to	the best of my	knowledge and u	inderstand that pur	sugant to NM	$\overline{\Omega\Omega}$	ules and		
regulations a	ll operators	are required to	o report a	nd/or file certain	release	notifications a	nd perform correct	ctive actions for re	eases which	may e	ndanger		
public health	or the envi	ronment. The	acceptan	ce of a C-141 rep	ort by ti	he NMOCD m	arked as "Final R	cport" does not rel eat to ground wate	ieve the ope	rator of	f liability		
or the environ	nment. <u>I</u> n a	ddition, NMC	CD accer	otance of a C-141	report	does not reliev	e the operator of	eat to ground wate responsibility for o	r, surrace wa ompliance v	ner, nu vith an	y other		
federal, state,	, or local lav	ws and/or page	intions.	·			•						
						• •	OIL CON	SERVATION	DIVISIO	M a	_ :		
Signature	-			·			S	BIXAKIBY	$\sim JQ$	ACH	Mr		
						Approved by	Environmental S	pecielitvironme	Mal Sne	rialis	, 'O		
Printed Name	e: Chris Jen:	sen /					,).	TMIATION					
Title: Develo	pment Man	адет				Approval Dat	ie: 7/1/13	Expiration	Date: 9 7	-131			
E-mail Addre	ess:chris@n	ecos,hostnilot	.com		1	Conditions of	Anomyal FUL	LY DELINEATT					
Data: 7/1			202 02	NO 5010		AND RE	MEDIATE	PEROCD		17	- 2933		

C-141 BY 9/2/13

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

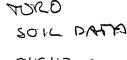
State of New Mexico Energy Minerals and Natural Resources

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.

			\mathbb{R} elo	ease Notific	ation	and Co	orrective A	ction .				
				,		OPERAT	ror	☐ Ini	ial Report 🛛 Final Report			
Name of Co						Contact Chr						
Address 100			ind, TX 7	9705			lo. 432-425-17	73 or 303-829-5	219			
Facility Nan	ne Hobbs	Battery				Facility Typ	e Tank Battery					
Surface Own	ner			Mineral C	wner			APIN	0.			
				LOCA	AOIT	on of release						
Unit Letter	Section	Township	Range	Feet from the	North/	Feet from the East/West Line County						
D	14	T20s	R38E		LEA							
		Latit	ude3	2.57725		Longitude	103.12399					
NATURE OF RELEASE												
Type of Relea			i release				Release Unknow		Recovered None			
Source of Release Loading Station						Date and H Unknown	our of Occurrenc	e Date an May 20	l Hour of Discovery			
Was Immediate Notice Given?						If YES, To	Whom?					
		<u></u>	Yes [No 🛛 Not Re	equired	N/A						
By Whom? N Was a Watero	/A	hed?			····	Date and H	our N/A lume Impacting t	he Watercourse	N/A			
Was a Waler	ouise reac		Yes 🏻	No ·		11 120, 10	iuno impuoime i	water course	1771			
If a Watercou	rse was Imp	pacted, Descr	ibe Fully.	· · · · · · · · · · · · · · · · · · ·		<u> </u>						
Describe Cau	se of Proble	m and Reme	dial Action	Taken #								
	SC 01 1 10010	and remo	BIAI ACTIO	i i akcii.								
Describe Area	Affected a	and Cleanup A	Action Tak	en.*	a abla ta	tales out the	aantaminatad aail	place it chave e	plastic liner, haul the material off			
									nted to NM OCD for guidance			
and closure ap		•				_		-				
						1						
									rsuant to NMOCD rules and eleases which may endanger			
public health	or the envir	onment. The	acceptano	e of a C-141 repo	rt by the	NMOCD m	arked as "Final Re	eport" does not re	lieve the operator of liability			
									cr, surface water, human health compliance with any other			
federal, state,							·····					
	// /				-		OIL CONS	<u>SERVATION</u>	<u>I DIVISION</u>			
Signature:	-	_/_										
Printed Name	: Ch	vris_	Jei	nsen	A	Approved by	Environmental S	pecialist:				
Title: V				<u> </u>	ong.	りて, Approval Dat	е:	Expiration	n Date:			
E-mail Addre	ss: Chr	isjenser	OP E	amail. con	<u>a</u> (Conditions of	'Approval:		Attached			
Date: 9/30/13 Phone: (432)- 425												
Attach Addit	Attach Additional Sheets If Necessary 1773/(303)											

829-5219





8/19/13 MAZ

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

August 16, 2013

HOEBS OCD

OSCAR FRAYRE

AUG 1 9 2013

Hungry Horse Environmental

100 2 0 2010

P.O. Box 1058

RECEIVED

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 accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D. Keene

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



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

Received: Reported:

08/15/2013

08/16/2013

Project Name: Project Number: HOBBS BATTERY NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/15/2013

Sampling Type:

Soil

200

200

0.974

1.31

Sampling Condition:

Cool & Intact

Qualifier

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	
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

Surrogate: 4-Bromofluorobenzene

95.0 %

61.3-142

Surrogate: Toluene-d8

103 % 102 %

87.0%

108 %

71.3-129 65.7-141

Chloride,	SM4500CI-B

ma/ka	

Ciloride, 3114300CI-8	niy	mg/kg		u by. bit					
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	Analyze	d By: DW				_	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Analyzed Rv. DW

Analyte	Result	Reporting Limit	Aikilyzeu	PICUIOU DIBIIK	0.5	76 RELOVELY	
GRO C6-C10	<10.0	10.0	08/16/2013	ND	171	85.5	
DRO >C10-C28	234	10.0	08/16/2013	ND	179	89.5	
							_

65.2-140

63.6-154

Cardinal Laboratories

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

*=Accredited Analyte

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Celey D. Keene



Hungry Horse Environmental OSCAR FRAYRE P.O. Box 1058 Hobbs NM, 88240

Fax To:

(505) 391-4585

Received:

08/15/2013

08/16/2013

Reported: Project Name:

HOBBS BATTERY

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/15/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: PT. 2 @ 2' (H301946-02)

BTEX 8260B	mg,	/kg	Analyze	d 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	% 61.3-14	2						
Surrogate: Toluene-d8	104	% 71.3-12	9						
Surrogate: 4-Bromofluoroberzene	103	% 65.7-14	1						
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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	181	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celeg & Keens



Hungry Horse Environmental OSCAR FRAYRE P.O. Box 1058 Hobbs NM, 88240

(505) 391-4585 Fax To:

Received:

08/15/2013

Sampling Date: Sampling Type: 08/15/2013

Reported:

08/16/2013

Soil

HOBBS BATTERY

Sampling Condition:

Cool & Intact

Project Name: 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	% 61.3-14	2							
Surrogate: Toluene-d8	101	% 71.3-12.	ý							
Surrogate: 4-Bromofluorobenzene	196	% 65.7-14	I							
Chloride, SM4500CI-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		····				S-04	
Analyte	Result	Reporting Limit	Anatyzed	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: I-Chlorooctane	85.1	% 65.2-14	0					-		
Surrogate: 1-Chlorooctadecane	495	63.6-15	4							

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*=Accredited Analyte

spw other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thinty (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 dient, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey & Kens



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 Type: 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 8260B	mg	kg	Analyze	d 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	% 61.3-14	2						
Surrogate: Toluene-d8	102	% 71.3-12	ÿ						
Surrogate: 4-Bromofluorobenzene	139	% 65.7-14	1						
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	1.3&	
Surrogate: 1-Chlorooctane	83.3	% 65.2-14	0						
Surrogate: I-Chlorooctadecane	263 9	63.6-15	4						

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Celeg & Kreena



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: Project Number: HOBBS BATTERY NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/15/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By: Jod

Jodi Henson

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

BTEX 8260B	mg	/kg	Analyze	d 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	% 61.3-14	2						
Surrogate: Toluene-d8	103	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	103	% 65.7-14	1						
Chloride, SM4500CI-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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	104	% 63.6-15	4						

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Celey D. Keens



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

Project Number:

NONE GIVEN

Sampling Condition: Sample Received By: Cool & Intact Jodi Henson

Project Location:

NOT GIVEN

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

BTEX 8260B	mg/	/kg	Analyze	d By: MS				1** <u>2</u> -2	S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualiñe
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	% 61.3-14	2		<u>.</u>				
Surrogate: Toluene-d8	118 % 71.3-12		9						
Surrogate: 4-Bromofluorobenzene	203	% 65.7-14	1						
Chloride, SM4500CI-B	mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	Qualifie
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	1.39	
Surrogate: 1-Chlorooctane	89.1	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	118 9	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Usbtilts and Damages. Cardinal's liability and client's exclusive remedy for any daim 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 weived unless made in writing and received by Cardinal within 11thin (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 or profits incurred by client, its subdistains, sufficients or successors arising out of or restated to the performance of the services hereunder by Cardinal, regardless of whether such claims 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 or Cardinal Laborations.

Celey D. Keine



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

1090 %

63.6-154

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

BTEX 8260B	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	% 61.3-14	2						
Surrogate: Toluene-d8	102	% 71.3-12	ÿ						
Surrogate: 4-Bromofluorobenzene	223 9	% 65.7-14	1						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	Qualifie
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	1.3ú	

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Surrogate: 1-Chlorooctadecane

*=Accredited Analyte

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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. Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476		
Company Name: Hunsey Horse LLC		ANALYSIS REQUEST
Project Manager: Oscal Frage	P.O. #:	
Address: PO Rox 1058 Eunice Huy	Company:	
City: 1665 State: N. M Zip: 88241	Attn:	
Phone # <751631-0983 Fax#:	Address:	
Project #: Project Owner: Torro Ope	City:	
Project Name:	State: Zip:	
Project Location: Hobbs Batters	Phone #:	
Sampler Name: Ox Ar Crouse	Fax #:	
FOR LAB UBE ONLY MATE	PRESERV SAMPLING	7 7
W CO ES		
Lab I.D. Sample I.D. (G) IAM OF I.D. CONTAINERS OR (C) OF I.D. CONTAIN	اياسا	
Lab I.D. Sample I.D.	ACIDIBASE OTHER: OTHER: OTHER: OTHER:	
H301946 Main BATTEN 10 10 15 15 15 15 15 15 15 15 15 15 15 15 15	SALUDGE OTHER: DEF/COG OTHER:	10/17/04/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/
1 main BATT eru of (Cl. 56)	16-15-1:20	VYY
Z main Rotten P7202' 6	-8:15 1:25	
3 Mais Botters PT 3021 6 1	1 6-15 1:30	
4 mais Battan 274 (216 1	- 8-15 1:35	XXX
5 Dain BAHA PASCO 6 1	1 875 1:40	メ
prain Batter, Pt6@2.56	8-15 1:45	* × × ×
7 main Battery P-7025 6 1	18-15 1:50	XX
		
		
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analyses. All cisims_including those for negligence and any other cause whatsoever shall be deemed walved unless made in w service_infile event shall Cardinal be liable for incidental or consequental damages, including without limitation, business inter	tions, less of use, or less of profits incurred by client, its subs	idiaries,
Affiliance of purcease or clinic out of or reduced in the performance of services between the Cardinal countries of whether au Kellingula hed By:	[Phone]	Result: 🗆 Yes 🗅 No Add Phone #:
1 / 1 / 3-15-13 / NA:	Fax Ret	sult: 🖸 Yes 🗅 No Add'i Fax#:

V Black Chungry-horse.com
Oprayor Chungry-horse.com
Tsalines Chungry-korse.com **Sample Condition** Delivered By: (Circle One) Sampler - UPS - Bus - Other: t Cardinal not accept ve changes. P