1RP-2842



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

Analytical Results For:

Hungry Horse Environmental

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

Fax To:

(505) 391-4585

**HOBBS OCD** 

AUG 2 8 2012

RECEIVED

Received:

08/27/2012

Reported:

08/28/2012 MALLON 35 FED H

Project Name: Project Number:

NONE GIVEN LEA COUNTY, NM

Project Location:

Analyte

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

08/27/2012 Soil

\*\* (See Notes) Jodi Henson

Sample ID: SP #5 NORTH WALL (H202054-01)

Chloride, SM4500Cl-B

Analyzed By: HM

Method Blank

% Recovery

True Value QC

Qualifier

Chloride

Result 32.0

16.0

Reporting Limit

08/28/2012

Analyzed

ND

416

104

400

RPD 0.00

amoved for brackfill Sheff Lehing Env. Specialist NMOCD-DIST 1 8/29/12

Cardinal Laboratories

\*=Accredited Analyte

any other cause whatsoever shall be deemed valved unless made in writing and received by Cardinal within including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiar claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report sh sors arising out of or related to the perform

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

PKJ 1605041033

Qbhf !3!pg5

7942



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Hungry Horse, LLC		BILL TO	ANALYSIS REQUEST
Project Manager: Vernon K. Black		P.O. #:	AMAZIOIO REGUEST
Address: PO Box 1058		Company:	
City: Hobbs State: NM Zi	ip: 88241	Attn:	
Phone #: 575-393-3386 Fax #: 575-3	91-4585	Address:	
Project #: Project Owner: /	inacey	City:	
Project Name: Mallon 35 Fed H	The second secon	State: Zip:	
Project Location: Lew Conty		Phone #:	
Sampler Name: Vernon K. Black		Fax #:	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	0
a	C C		9 4
	ER ER		1 T 3
Lab I.D. Sample I.D.	AINE WAT WAT	OL	707
land and the second	## CONTAINERS ## CONTAINERS GROUNDWATEI WASTEWATER SOIL OIL	ACID/BASE ICE / COOL OTHER:  BMIL  ALD OTHER:	918
Lab I.D. Sample I.D.	#CONTAINERS #CONTAINERS GROUNDWATER WASTEWATER SOIL OIL		9114
1 St' \$5 Abr HIWALI G	> X	27/Aug 132	X
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any clienty analyses. All claims including those for negligence and any other cause whatsoever shall be deem	taim arising whether based in contract o	or tort, shall be limited to the amount paid by the client for the	he
service. In no event shall Cardinal be liable for incidental or consequental damages, including with affiliates or successors arising out of or related to the performance of services hereunder by Cardin	tout limitation business intermedians to	as of two or lace of profits in account to the contract to	
Relinquished By: Pate 27/12 R	Received By:	Phone Resu	ult: ☐ Yes ☐ No Add'l Phone #;
Type: 35	WOD: 10	Fax Result: REMARKS:	
	Seceived By:	more	
Time:			
Delivered By: (Circle One)	Sample Condition	n CHECKED BY:	
Sampler - UPS - Bus - Other: 36	Cool Intact	(fylitiglis)	

**Lab Analtytical Results** 

Job: Cimarex Mallon 35 Fed 7H

Date: 24Aug12

## **Chlorides**

Sample Point

Depth	#1 Bottom	#1 West Wall	#1 South Wall	#1 East Wall	
5'	<16 ppm	<16 ppm	<16 ppm	<16 ppm	

# **GRO/DRO**

Sample Point

Depth	#1 Bottom	#1 West Wall	#1 South Wall	#1 East Wall	
5'	<10/18.4 ppm	<10/<10	<10/<10	<10/<10	

## **BTEX**

Depth	#1 Bottom	#1 West Wall	#1 SouthWall	#1 East Wall	
5'	ND	ND	ND	ND	

## **Chlorides**

Sample Point

Sample I onte					
#2 Bottom	#2 West Wall	#2 East Wall	#3 Bottom	#3 West Wall	#3 East Wal
<16 ppm	32 ppm	<16 ppm	<16 ppm	<16 ppm	<16 ppm
	#2 Bottom	#2 Bottom #2 West Wall	#2 Bottom #2 West Wall #2 East Wall	#2 Bottom #2 West Wall #2 East Wall #3 Bottom	#2 Bottom #2 West Wall #2 East Wall #3 Bottom #3 West Wall

# **GRO/DRO**

Sample Point

Depth	#2 Bottom	#2 West Wall	#2 East Wall	#3 Bottom	#3 West Wall	#3 East Wall
5'	<10/<10	<10/<10	<10/<10	<10/68	<10/32	<10/<10
			-			

## **BTEX**

Depth	#2 Bottom	#2 West Wall	#2 East Wall	#3 Bottom	#3 West Wall	#3 East Wall
5'	ND	ND	ND	ND	ND	ND

## Chlorides

Sample Point

	Sample I Office				
Depth	#4 Bottom	#4West Wall	#4 East Wall	Strike of	
7'	32 ppm	16 ppm	32 ppm	4	
			1 (12-)		
				9 4 9	
			100	3637	 14
	C		7 7 1		

# GRO/DRO

Sample Point

	Sample I Sille					
Depth	#4 Bottom	#4West Wall	#4 East Wall	W. Au	4 3 - 19 5	
7'	<10/<10	<10/22 ppm	<10/<10		11	43-07-
			70.00	200		
				371111	-	The state of the s
	-	-				
					<del> </del>	
	C. I. Committee of the				The second secon	

## **BTEX**

ND	ND		
		4	
	-		

## Chlorides

Sample Point

Sample I onit					
#5 Bottom	#4 North Wall	#4 East Wall			
16 ppm	400 ppm	<16 ppm			
			3.7		-
	#5 Bottom	#5 Bottom #4 North Wall	#5 Bottom   #4 North Wall   #4 East Wall	#5 Bottom  #4 North Wall  #4 East Wall	#5 Bottom #4 North Wall #4 East Wall

# **GRO/DRO**

Sample Point

Sample I Sille					
#5 Bottom	#4 North Wall	#4 East Wall	in a second		
<10/39	<10/<10 ppm	<10/<10			
	-		-4		
		-		-	-
	#5 Bottom	#5 Bottom #4 North Wall	#5 Bottom	#5 Bottom	#5 Bottom  #4 North Wall  #4 East Wall

## **BTEX**

#5 Bottom	#4 North Wall	#4 East Wall		
ND	ND	ND		
				-



August 24, 2012

**VERNON BLACK** 

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: MALLON 35 FED #714

Enclosed are the results of analyses for samples received by the laboratory on 08/17/12 13:10.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred 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. Keine

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

Fax To:

(505) 391-4585

Received:

08/17/2012

Reported:

08/24/2012

Project Name: Project Number: MALLON 35 FED #714

Project Location:

NOT GIVEN

NONE GIVEN

Sampling Date:

08/17/2012

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

### Sample ID: SP #1 BOTTOM @ 5' (H201939-01)

BTEX 8021B	mg/	kg	Analyze	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	08/22/2012	ND	1.85	92.6	2.00	6.90	
Toluene*	< 0.050	0.050	08/22/2012	ND	1.90	95.1	2.00	5.61	
Ethylbenzene*	< 0.050	0.050	08/22/2012	ND	1.92	96.0	2.00	5.60	
Total Xylenes*	<0.150	0.150	08/22/2012	ND	6.32	105	6.00	4.14	
Surrogate: 4-Bromofluorobenzene (PIL	102	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2012	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	ed By: MS					1
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/22/2012	ND	204	102	200	14.0	
DRO >C10-C28	18.4	10.0	08/22/2012	ND	210	105	200	15.5	
Surrogate: 1-Chlorooctane	92.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	91.2	% 63.6-15	4						

#### 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 waved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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

Received:

08/17/2012

Sampling Date:

08/17/2012

Reported:

08/24/2012

Sampling Type:

Soil

Project Name:

Cool & Intact

MALLON 35 FED #714

Sampling Condition:

Project Number: Project Location: NONE GIVEN **NOT GIVEN** 

Sample Received By:

Jodi Henson

## Sample ID: SP #1 SOUTH WALL (H201939-02)

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	08/22/2012	ND	1.85	92.6	2.00	6.90	
Toluene*	<0.050	0.050	08/22/2012	ND	1.90	95.1	2.00	5.61	
Ethylbenzene*	< 0.050	0.050	08/22/2012	ND	1.92	96.0	2.00	5.60	
Total Xylenes*	<0.150	0.150	08/22/2012	ND	6.32	105	6.00	4.14	
Surrogate: 4-Bromofluorobenzene (PIL	102	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2012	ND	416	104	400	3.92	
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	08/22/2012	ND	204	102	200	14.0	
DRO >C10-C28	<10.0	10.0	08/22/2012	ND	210	105	200	15.5	
Surrogate: 1-Chlorooctane	110	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	116	% 63.6-15	4						

#### 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 clause whatsoever shall be deemed valved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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

Fax To:

(505) 391-4585

Received:

08/17/2012

Reported:

08/24/2012

Project Name:

MALLON 35 FED #714

Project Number: Project Location:

NOT GIVEN

NONE GIVEN

Sampling Date:

08/17/2012

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

### Sample ID: SP #1 EAST WALL (H201939-03)

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	08/22/2012	ND	1.85	92.6	2.00	6.90	
Toluene*	<0.050	0.050	08/22/2012	ND	1.90	95.1	2.00	5.61	
Ethylbenzene*	<0.050	0.050	08/22/2012	ND	1.92	96.0	2.00	5.60	
Total Xylenes*	<0.150	0.150	08/22/2012	ND	6.32	105	6.00	4.14	
Surrogate: 4-Bromofluorobenzene (PIL	99.7	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2012	ND	416	104	400	3.92	
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	08/22/2012	ND	204	102	200	14.0	
DRO >C10-C28	<10.0	10.0	08/22/2012	ND	210	105	200	15.5	
Surrogate: 1-Chlorooctane	82.1	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	89.1	% 63.6-15	4						

#### 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 whitsoever shall be deemed waived unless made in writing and received by Cardinal within thritiny (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples definited above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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

Fax To: (505) 391-4585

Received:

08/17/2012

Reported:

08/24/2012

Project Name:

MALLON 35 FED #714

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/17/2012

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By: Jodi Henson

#### Sample ID: SP #1 WEST WALL (H201939-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	08/22/2012	ND	1.85	92.6	2.00	6.90	
Toluene*	< 0.050	0.050	08/22/2012	ND	1.90	95.1	2.00	5.61	
Ethylbenzene*	<0.050	0.050	08/22/2012	ND	1.92	96.0	2.00	5.60	
Total Xylenes*	<0.150	0.150	08/22/2012	ND	6.32	105	6.00	4.14	
Surrogate: 4-Bromofluorobenzene (PIL	99.5	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	<16.0	16.0	08/21/2012	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<10.0	10.0	08/22/2012	ND	204	102	200	14.0	
DRO >C10-C28	<10.0	10.0	08/22/2012	ND	210	105	200	15.5	
Surrogate: 1-Chlorooctane	101	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	93.5	% 63.6-15	4						

#### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardina'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 valved 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 for incidental damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by Client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such 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 VERNON BLACK P.O. Box 1058 Hobbs NM, 88240

Fax To: (505) 391-4585

Received:

08/17/2012

Reported:

08/24/2012

Project Name:

MALLON 35 FED #714

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/17/2012

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

#### Sample ID: SP #2 BOTTOM @ 5' (H201939-05)

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	08/22/2012	ND	1.85	92.6	2.00	6.90	
Toluene*	<0.050	0.050	08/22/2012	ND	1.90	95.1	2.00	5.61	
Ethylbenzene*	<0.050	0.050	08/22/2012	ND	1.92	96.0	2.00	5.60	
Total Xylenes*	<0.150	0.150	08/22/2012	ND	6.32	105	6.00	4.14	
Surrogate: 4-Bromofluorobenzene (PIL	100	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2012	ND	416	104	400	3.92	
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	08/23/2012	ND	204	102	200	14.0	
DRO >C10-C28	<10.0	10.0	08/23/2012	ND	210	105	200	15.5	
Surrogate: 1-Chlorooctane	84.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	85.8	% 63.6-15	4						

#### 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 whistoever shall be deemed wewed unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims to 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 approved of Cardinal Laboratories.

Celey D. Keine



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

Fax To:

(505) 391-4585

Received:

08/17/2012

08/24/2012

Reported: Project Name:

MALLON 35 FED #714

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/17/2012

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP #2 EAST WALL (H201939-06)

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	08/23/2012	ND	1.85	92.6	2.00	6.90	
Toluene*	<0.050	0.050	08/23/2012	ND	1.90	95.1	2.00	5.61	
Ethylbenzene*	<0.050	0.050	08/23/2012	ND	1.92	96.0	2.00	5.60	
Total Xylenes*	<0.150	0.150	08/23/2012	ND	6.32	105	6.00	4.14	
Surrogate: 4-Bromofluorobenzene (PIL	100 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2012	ND	416	104	400	3.92	
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	08/22/2012	ND	204	102	200	14.0	
DRO >C10-C28	<10.0	10.0	08/22/2012	ND	210	105	200	15.5	
Surrogate: 1-Chlorooctane	106	65.2-14	0						
Surrogate: 1-Chlorooctadecane	101	63.6-15	4						

#### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thritiny (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results riskee only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Liboratories.

Celey D. Keine



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

Fax To:

(505) 391-4585

Received: Reported: 08/17/2012

08/24/2012

Project Name:

MALLON 35 FED #714

Project Number: Project Location: NONE GIVEN

Sampling Date:

08/17/2012

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

## Sample ID: SP #2 WEST WALL (H201939-07)

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	08/22/2012	ND	1.85	92.6	2.00	6.90	
Toluene*	<0.050	0.050	08/22/2012	ND	1.90	95.1	2.00	5.61	
Ethylbenzene*	<0.050	0.050	08/22/2012	ND	1.92	96.0	2.00	5.60	
Total Xylenes*	<0.150	0.150	08/22/2012	ND	6.32	105	6.00	4.14	
Surrogate: 4-Bromofluorobenzene (PIL	103	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/21/2012	ND	416	104	400	3.92	
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	08/22/2012	ND	204	102	200	14.0	
DRO >C10-C28	<10.0	10.0	08/22/2012	ND	210	105	200	15.5	
Surrogate: 1-Chlorooctane	121	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	112	63.6-15	4						

#### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (XO) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims to based upon any of the above stated reasons or otherwise. Results relate viny to the tamples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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

Fax To:

(505) 391-4585

Received:

08/17/2012

Reported:

08/24/2012

Project Name:

MALLON 35 FED #714

Project Number:

NONE GIVEN **NOT GIVEN** 

Project Location:

Sampling Date:

08/17/2012

Sampling Type:

Sampling Condition:

Cool & Intact

Sample Received By: Jodi Henson

### Sample ID: SP #3 BOTTOM @ (H201939-08)

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	08/22/2012	ND	1.85	92.6	2.00	6.90	
Toluene*	< 0.050	0.050	08/22/2012	ND	1.90	95.1	2.00	5.61	
Ethylbenzene*	< 0.050	0.050	08/22/2012	ND	1.92	96.0	2.00	5.60	
Total Xylenes*	<0.150	0.150	08/22/2012	ND	6.32	105	6.00	4.14	
Surrogate: 4-Bromofluorobenzene (PIL	100	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2012	ND	400	100	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	08/22/2012	ND	204	102	200	14.0	
DRO >C10-C28	68.8	10.0	08/22/2012	ND	210	105	200	15.5	
Surrogate: 1-Chlorooctane	121	65.2-14	0						
Surrogate: 1-Chlorooctadecane	110	63.6-15	4						

#### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, icss 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

Celey D. Keine



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

Fax To:

(505) 391-4585

Received:

08/17/2012

Reported:

08/24/2012

Project Name:

**MALLON 35 FED #714** 

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/17/2012

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

#### Sample ID: SP #3 EAST WALL (H201939-09)

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	08/22/2012	ND	1.85	92.6	2.00	6.90	
Toluene*	<0.050	0.050	08/22/2012	ND	1.90	95.1	2.00	5.61	
Ethylbenzene*	<0.050	0.050	08/22/2012	ND	1.92	96.0	2.00	5.60	
Total Xylenes*	<0.150	0.150	08/22/2012	ND	6.32	105	6.00	4.14	
Surrogate: 4-Bromofluorobenzene (PIL	101	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2012	ND	400	100	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	08/22/2012	ND	204	102	200	14.0	
DRO >C10-C28	<10.0	10.0	08/22/2012	ND	210	105	200	15.5	
Surrogate: 1-Chlorooctane	99.7	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	91.3	% 63.6-15	4						

#### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of vise, or loss of profits incurred by client, its subididants, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims to be be performance or 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 VERNON BLACK P.O. Box 1058 Hobbs NM, 88240 (505) 391-4585

Fax To:

Received:

08/17/2012

Reported:

08/24/2012

Project Name:

MALLON 35 FED #714

Project Number: Project Location: NONE GIVEN

NOT GIVEN

Sampling Date:

08/17/2012

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

#### Sample ID: SP #3 WEST WALL (H201939-10)

BTEX 8021B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	< 0.050	0.050	08/22/2012	ND	1.85	92.6	2.00	6.90	
Toluene*	< 0.050	0.050	08/22/2012	ND	1.90	95.1	2.00	5.61	
Ethylbenzene*	<0.050	0.050	08/22/2012	ND	1.92	96.0	2.00	5.60	
Total Xylenes*	<0.150	0.150	08/22/2012	ND	6.32	105	6.00	4.14	
Surrogate: 4-Bromofluorobenzene (PIL	102	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2012	ND	400	100	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	08/22/2012	ND	204	102	200	14.0	
DRO >C10-C28	32.8	10.0	08/22/2012	ND	210	105	200	15.5	
Surrogate: 1-Chlorooctane	87.2	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	80.9	% 63.6-15	4						

## Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of 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



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

Fax To:

(505) 391-4585

Received:

08/17/2012

08/24/2012

Reported: Project Name:

MALLON 35 FED #714

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/17/2012

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

#### Sample ID: SP #4 BOTTOM @ 7' (H201939-11)

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	08/22/2012	ND	1.85	92.6	2.00	6.90	
Toluene*	< 0.050	0.050	08/22/2012	ND	1.90	95.1	2.00	5.61	
Ethylbenzene*	<0.050	0.050	08/22/2012	ND	1.92	96.0	2.00	5.60	
Total Xylenes*	<0.150	0.150	08/22/2012	ND	6.32	105	6.00	4.14	
Surrogate: 4-Bromofluorobenzene (PIL	98.5	% 89.4-12	6						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/21/2012	ND	400	100	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	08/22/2012	ND	204	102	200	14.0	
DRO >C10-C28	<10.0	10.0	08/22/2012	ND	210	105	200	15.5	
Surrogate: 1-Chlorooctane	75.2	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	82.6	% 63.6-15	4						

### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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

Fax To: (505) 391-4585

Received:

08/17/2012

Reported:

08/24/2012

Project Name:

MALLON 35 FED #714

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/17/2012

Sampling Type:

Soil

Sampling Condition: Sample Received By:

Cool & Intact

Jodi Henson

#### Sample ID: SP #4 EAST WALL (H201939-12)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	< 0.050	0.050	08/22/2012	ND	1.85	92.6	2.00	6.90	
Toluene*	< 0.050	0.050	08/22/2012	ND	1.90	95.1	2.00	5.61	
Ethylbenzene*	< 0.050	0.050	08/22/2012	ND	1.92	96.0	2.00	5.60	
Total Xylenes*	<0.150	0.150	08/22/2012	ND	6.32	105	6.00	4.14	
Surrogate: 4-Bromofluorobenzene (PIL	99.7	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	32.0	16.0	08/21/2012	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<10.0	10.0	08/22/2012	ND	204	102	200	14.0	
DRO >C10-C28	<10.0	10.0	08/22/2012	ND	210	105	200	15.5	
Surrogate: 1-Chlorooctane	98.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	97.8	% 63.6-15	4						

#### 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 analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and received by Clardinal within thritiny (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Clardinal, regardless of whether such claims is based upon any of the above stated measure or otherwise. Results relate only to the samples identified above. This reproduced except in full with written approval of Cardinal Liaboratories.

Celey D. Keene



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

Fax To:

(505) 391-4585

Received:

08/17/2012

Sampling Date:

08/17/2012

Reported:

08/24/2012

Sampling Type:

Soil

Project Name:

**MALLON 35 FED #714** 

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: SP #4 WEST WALL (H201939-13)

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	08/22/2012	ND	1.85	92.6	2.00	6.90	
Toluene*	< 0.050	0.050	08/22/2012	ND	1.90	95.1	2.00	5.61	
Ethylbenzene*	<0.050	0.050	08/22/2012	ND	1.92	96.0	2.00	5.60	
Total Xylenes*	<0.150	0.150	08/22/2012	ND	6.32	105	6.00	4.14	
Surrogate: 4-Bromofluorobenzene (PIL	100 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2012	ND	400	100	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	08/21/2012	ND	191	95.4	200	1.37	
DRO >C10-C28	22.2	10.0	08/21/2012	ND	192	95.8	200	3.35	
Surrogate: 1-Chlorooctane	86.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	91.3	% 63.6-15	4						

### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of 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, regardiess 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

Celey D. Keene, Lab Director/Quality Manager



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

Fax To:

(505) 391-4585

Received: Reported: 08/17/2012

08/24/2012

Project Name:

MALLON 35 FED #714

Project Number: Project Location:

NOT GIVEN

NONE GIVEN

Sampling Date:

08/17/2012

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

#### Sample ID: SP #5 BOTTOM @ 5' (H201939-14)

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	08/22/2012	ND	1.85	92.6	2.00	6.90	
Toluene*	< 0.050	0.050	08/22/2012	ND	1.90	95.1	2.00	5.61	
Ethylbenzene*	< 0.050	0.050	08/22/2012	ND	1.92	96.0	2.00	5.60	
Total Xylenes*	<0.150	0.150	08/22/2012	ND	6.32	105	6.00	4.14	
Surrogate: 4-Bromofluorobenzene (PIL	99.7	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/21/2012	ND	400	100	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	08/21/2012	ND	191	95.4	200	1.37	
DRO >C10-C28	39.4	10.0	08/21/2012	ND	192	95.8	200	3.35	
Surrogate: 1-Chlorooctane	84.7	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	89.9	% 63.6-15	4						

#### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event, shall Cardinal be liable for incidential or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated resource 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 VERNON BLACK P.O. Box 1058 Hobbs NM, 88240 Fax To: (505) 391-4585

Received:

08/17/2012

08/24/2012

Reported: Project Name:

MALLON 35 FED #714

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/17/2012

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

#### Sample ID: SP #5 EAST WALL (H201939-15)

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	08/22/2012	ND	1.85	92.6	2.00	6.90	
Toluene*	< 0.050	0.050	08/22/2012	ND	1.90	95.1	2.00	5.61	
Ethylbenzene*	<0.050	0.050	08/22/2012	ND	1.92	96.0	2.00	5.60	
Total Xylenes*	<0.150	0.150	08/22/2012	ND	6.32	105	6.00	4.14	
Surrogate: 4-Bromofluorobenzene (PIL	99.8	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2012	ND	400	100	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	08/22/2012	ND	204	102	200	14.0	
DRO >C10-C28	<10.0	10.0	08/22/2012	ND	210	105	200	15.5	
Surrogate: 1-Chlorooctane	88.1	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	93.1	% 63.6-15	4						

#### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such 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 VERNON BLACK P.O. Box 1058 Hobbs NM, 88240

Fax To:

(505) 391-4585

Received:

08/17/2012

08/24/2012

Reported: Project Name:

MALLON 35 FED #714

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

08/17/2012

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

#### Sample ID: SP #5 NORTH WALL (H201939-16)

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	08/22/2012	ND	1.85	92.6	2.00	6.90	
Toluene*	<0.050	0.050	08/22/2012	ND	1.90	95.1	2.00	5.61	
Ethylbenzene*	<0.050	0.050	08/22/2012	ND	1.92	96.0	2.00	5.60	
Total Xylenes*	<0.150	0.150	08/22/2012	ND	6.32	105	6.00	4.14	
Surrogate: 4-Bromofluorobenzene (PIL	99.1	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/21/2012	ND	400	100	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	08/22/2012	ND	204	102	200	14.0	
DRO >C10-C28	<10.0	10.0	08/22/2012	ND	210	105	200	15.5	
Surrogate: 1-Chlorooctane	90.1	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	97.8	% 63.6-15	4						

#### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This

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 SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within thrity (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, isso 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 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



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 19 of 20

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

Company Name	HUNGELY TRUESCE CONTE	11	10		Tall.	BI	LL TO	and and					AN	ALY	SIS F	REQU	EST		-	
Project Manage	er: Venin Black	-			P.	.O. #:				T	T	T		T		7	T			
Address: Ex	ddress: Eurice Way			Company:				1												
				Attn:				1												
Phone #:	Fax #:				A	ddress:			1			1								
Project #:	Project Owne	r: A	1:	and 12		ity:			1											
Project Name:		-	physik i			tate:	Zip:		1											
Project Locatio	m: MAllon 35 Fedty	14			1	hone #:		-	1			1								
Sampler Name:		1-1	-			ax #:	7/4		1		1									
FOR LAB USE ONLY	1	T	Г	MATRIX		PRESERV	SAMPLI	ING	1								1			
Lab I.D.	Sample I.D.	GAS (G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL	OTHER	ACID/BASE. ICE / COOL OTHER:	DATE	TIME	72	1 1	160	BIEX								
	50#1 Pottom@51	6	i	TXI	-	1	5/1-12	6:11	7	5	4	7	_	+	+	_	+	$\vdash$		
2	EA I South Wall	6	i	2	1	1/1	8-12-12	2:05	17	7	- /		_	+		+	1			-
37	O#   EAST WILL	6	1	X		1	8-1712	5:10	1	7		,		-			1			
4	to H   West will	6	1	X		11	8-17-12	8:15	16.	£	1	7					1			
5	ptt a Betternes'	6	1	1/		1	8-17-12	5:30	1	X		1								
(0	EXT EAST WOLL	Ke	i		1	1	5.17.0	6:25	1	X		/						1	20.1.00	-
	gott 2 Wost wall	6	1	2	-	111	8-17-12	8.30	1	X	. /									
8	123 Bottome	6	1	1			8517-12	3:35	1	1	1									
9	P#3 East Will	6	1	X		11	3-17-10	8 40	1	7	1									
LEASE NOTE: LINDERY	Ept 3 128 St 101/11	(	1	14		111	8-1712	8 45	1/	1	1									
nalyses. All clains afficie	find those for neolizonce and any other cause upotenouse shall be	deame	d same	ng whather based in contra ed unless made in writing at		ort, shall be limited reived by Cardinal	to the amount pai within 30 days after	d by the alient for a completion of t	e this the applica	tile	,									
meates de auccessors aris	Cardinal be hable for incidental or consequental damages, including out of prestated to the performance of services bereunder by	Cardina	teap	diese of whether such claim	is ba	of use, or loss of p used upon any of th	rofts incurred by o re above stated re-	asona or otherwi	5.0											
Relinguished B	8-17-12 Time: 10	4	0	ou Ju	l	nsor	۷.	Phone Re Fax Resu REMARK	tt: S:	2	'es	No No		'l Pho			- C			-
Sampler - UPS	- Bus - Other:	1.	50	Sample Condition Cool Intact  Yes Yes Yes No N	5	Ci	(ED BY:													
† Cardinal	cannot accept verbal changes. Pleas	e fax	Wri			5-393,2476	y						_						P	6



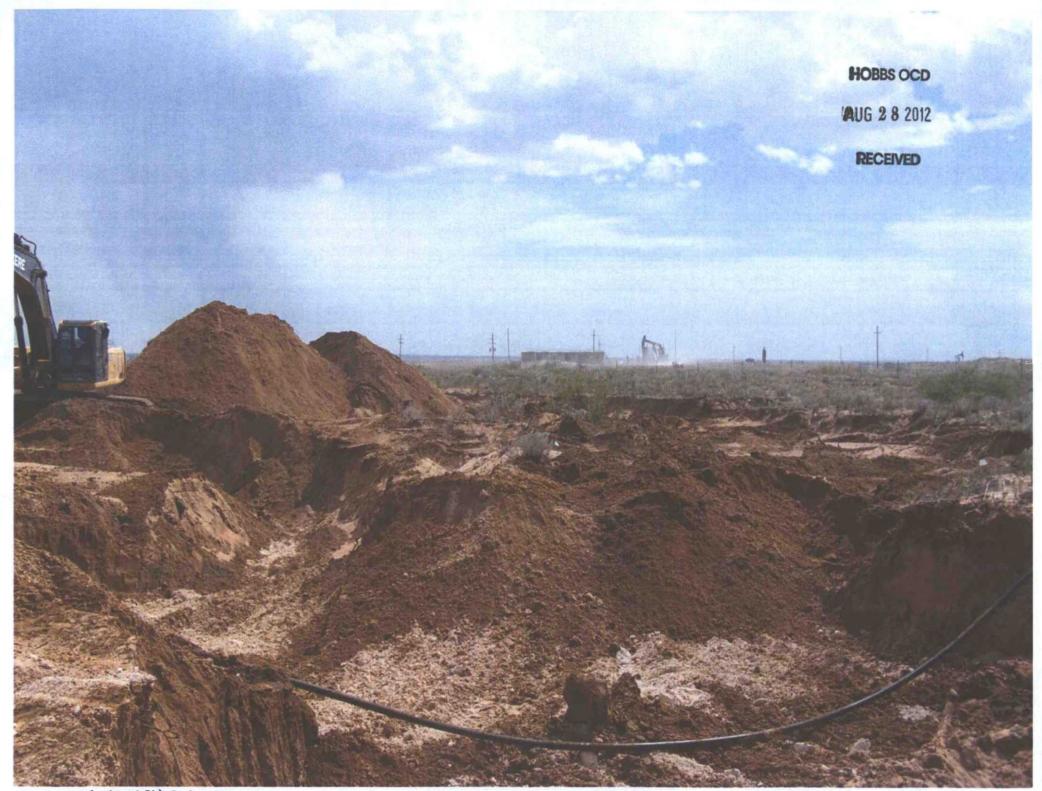
## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Hons	14 Horse Em. 1	LC	BILL TO	ANALYSIS REQUEST
Project Manager:	men Bleden		P.O. #:	
Address: Eurie	Harry		Company:	
City: Hobbs State: N. MZip: 98 240			Attn:	
Phone #:	Fax #:		Address:	
Project #:	Project Owner	Chanx	City:	
Project Name:			State: Zip:	
Project Location: Mg	Mon 35 Fed	714	Phone #:	
Sampler Name: Occ	Brown France		Fax #:	
Lab I.D. 11 Sptt-12 13 50 H	Sample I.D.  4 Button @ 7' 4 East Wall  4 World Wall  5 Button @ 5'	GROUNDWATER WASTEWATER SOIL OIL	PRESERV. SAMPLING  PRESERV. SAMPLING  DATE TIME  1 8-11-12-5-55  1 8-17-12-6-55  1 8-17-12-6-55  1 8-17-12-6-55	
LEASE NOTE: Liability and Damisges, Cernallyses. All claims including those for negli	colleges and cheeks exclusive remedy for a gence gold any other cause whatsoever shall be a	y claim arising whether based in contri	6.11-12-9:15	
Relinquished By:  Delivered By: (Circle Sampler - UPS - Bus - (	Date: //-/2 Time: Date: Time:	Regeived By:  Received By:  Sample Cond OCool Intact Dives Dy	Phone R Fax Resi REMARH  (Initials)	Result: U Yes U No Add'l Phone #:



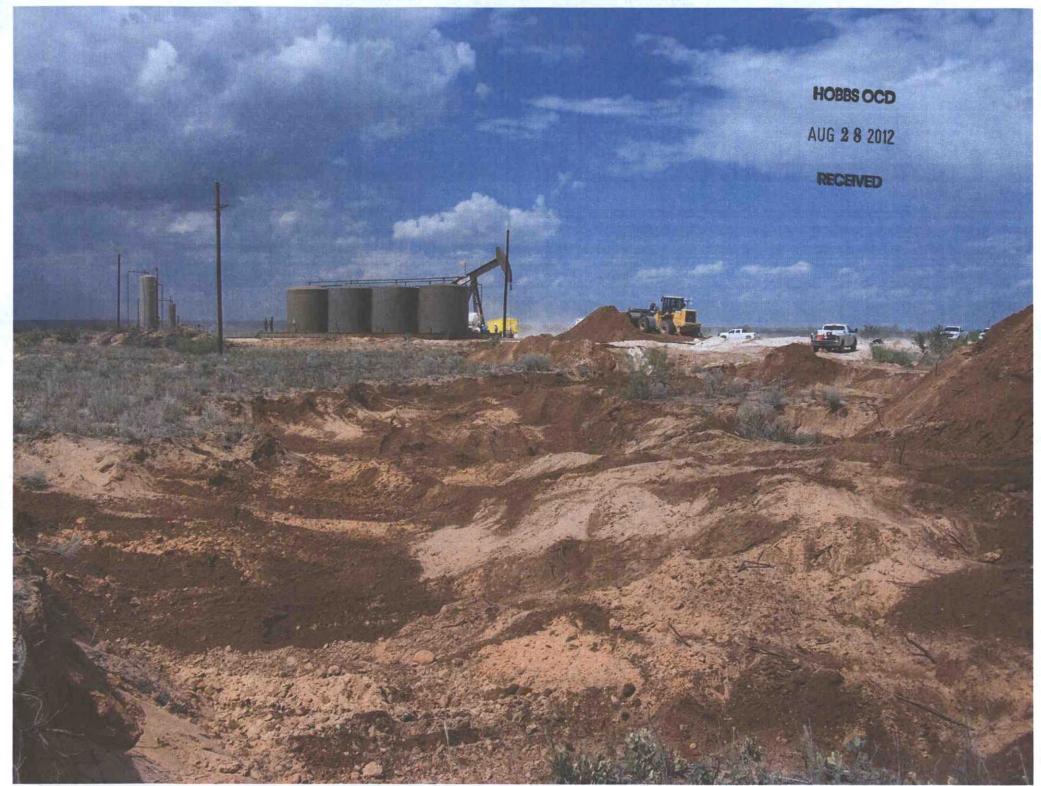
CIMAREX MALLON 35 FED #74



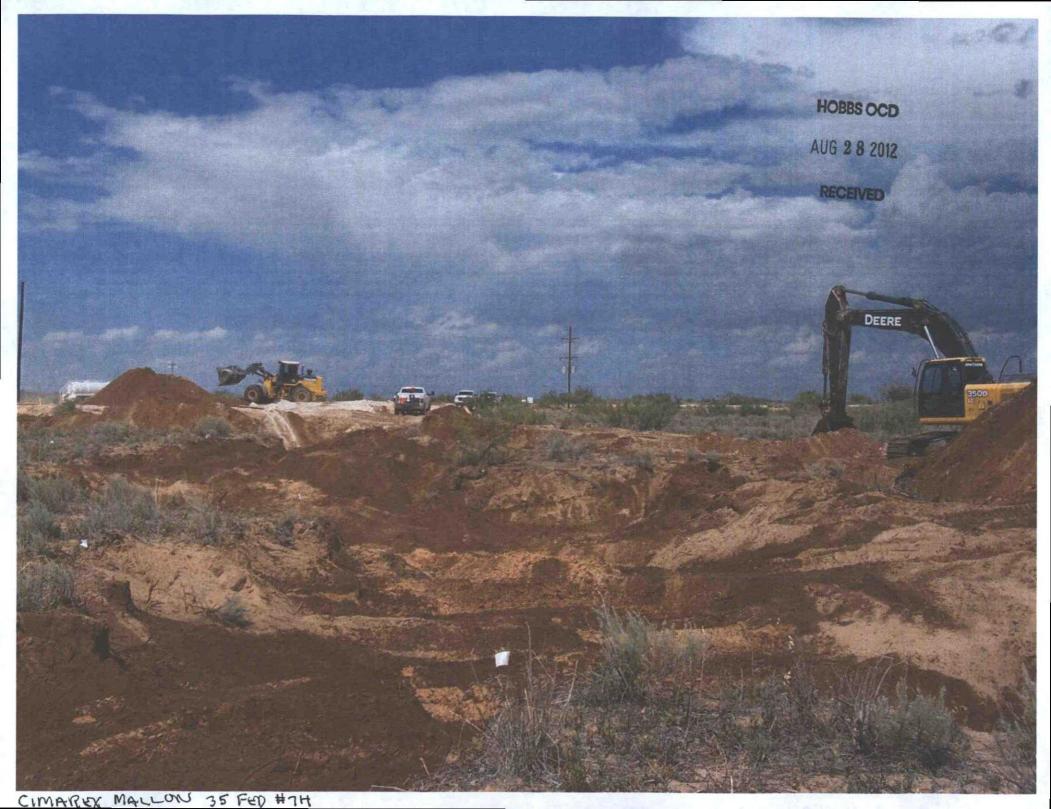
CIMAREX MALLON 35 FED #7H

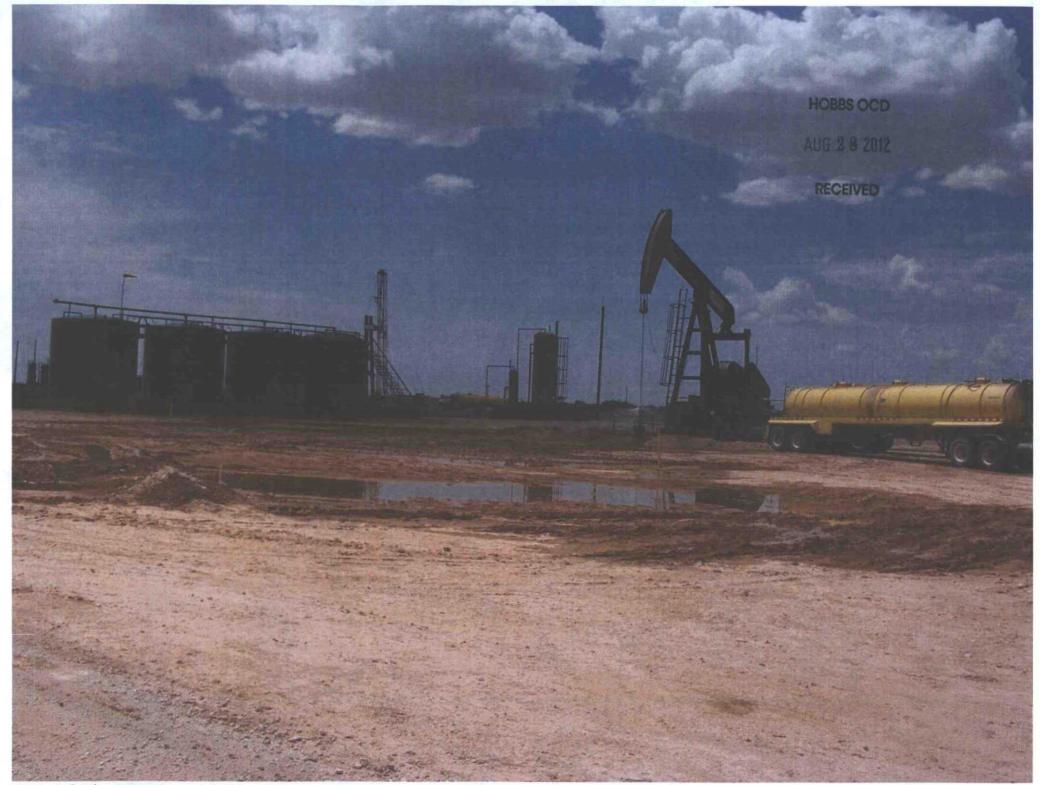


CIMAREX MALLON 35 FED #7H

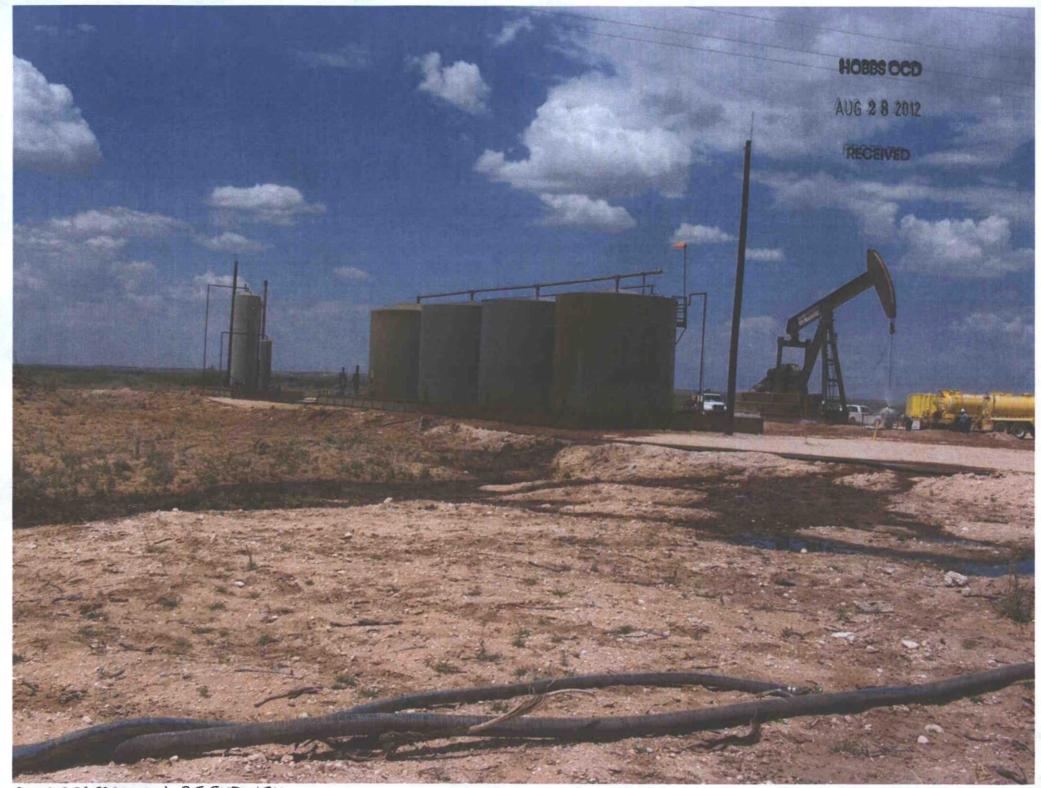


CIMAREX MALLON 35 FED #7H

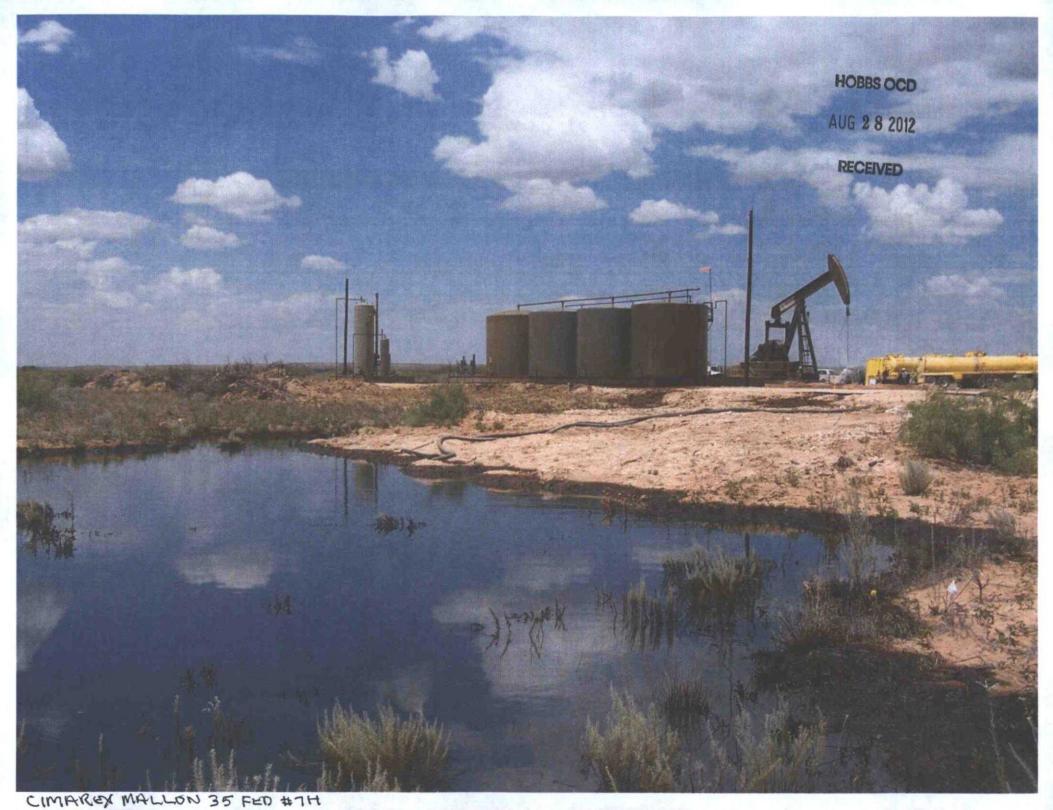


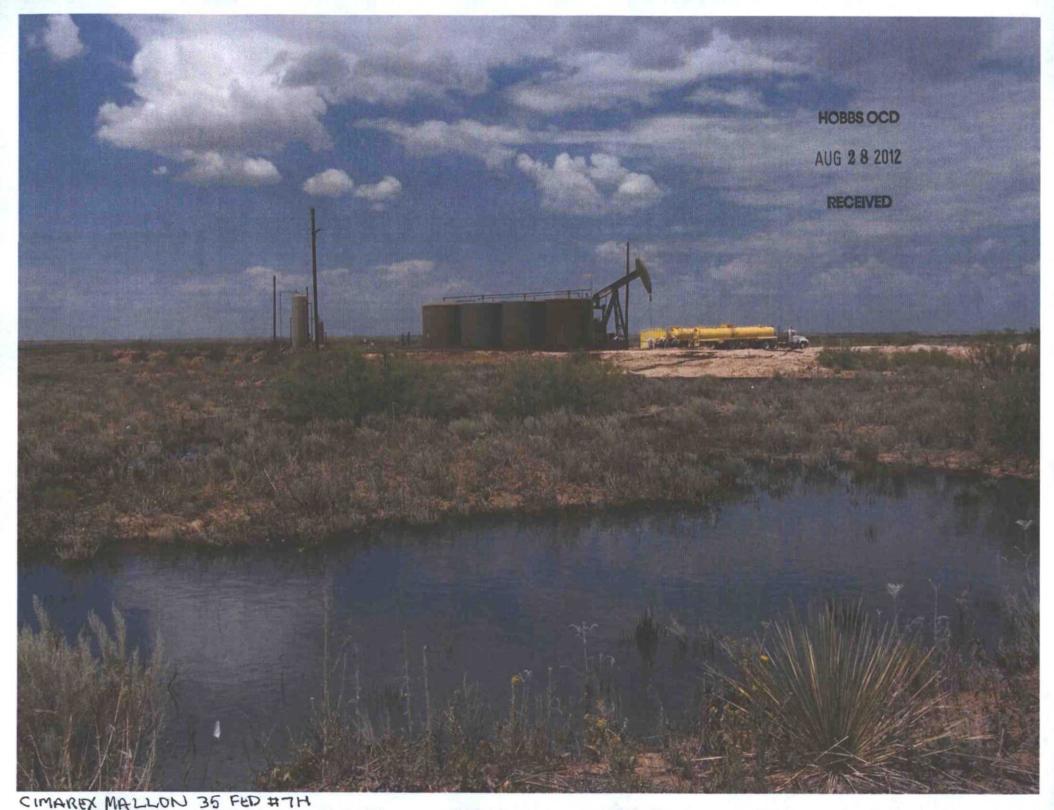


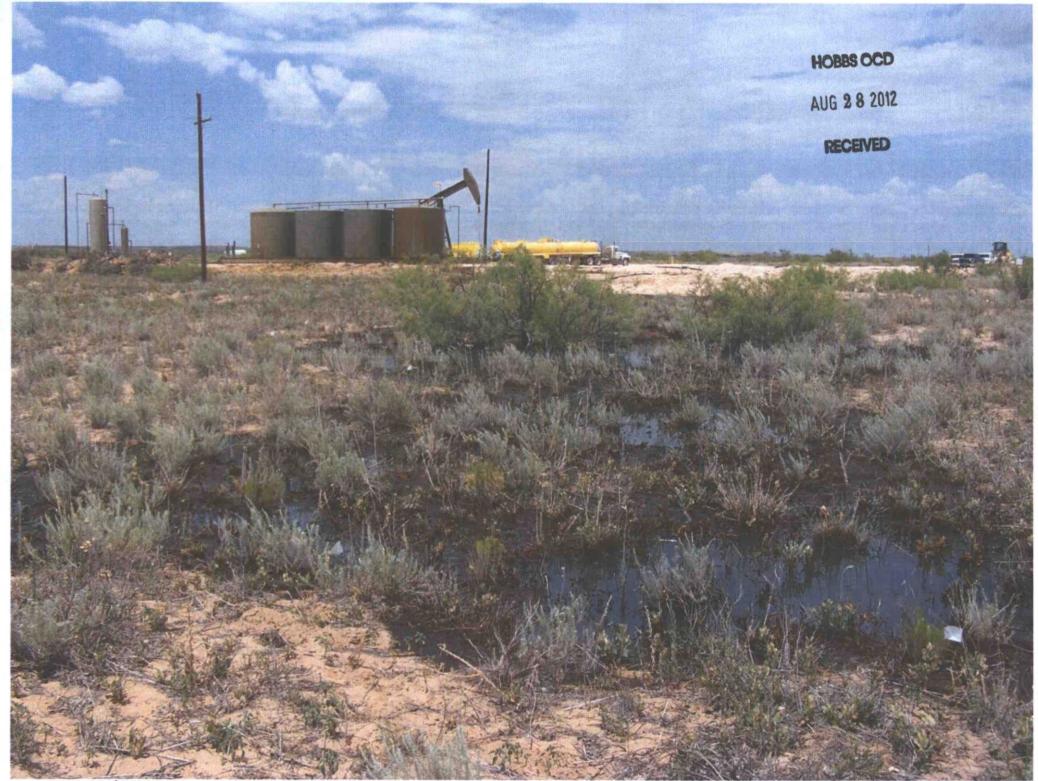
CIMAREX MALLON 35 FED # 7H



CIMAREX MALLON 35 FED #7H





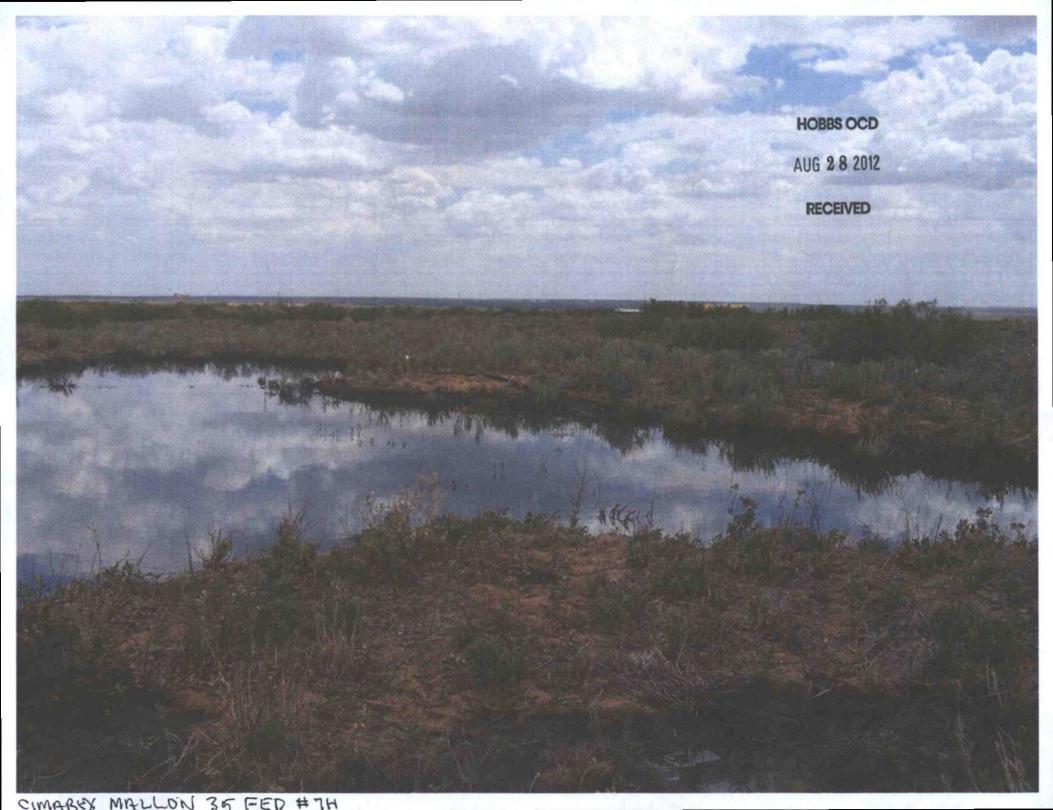


CIMAREX MALLON 35 FED #7H





CIMARRY MALLON 35 FED #7H















CIMAREX MALLON 35 FED #TH