

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

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Mewbourne Oil Co	Contact Zach Thomas
Address 701 S Cecil, Hobbs, NM	Telephone No. 575-602-2188
Facility Name Waltersheid #1	Facility Type Gas Well
Surface Owner Private	Mineral Owner Private
API No. 30-015-25117	

LOCATION OF RELEASE

Unit Letter E	Section 14	Township 22S	Range 27E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
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Latitude 32.3940 Longitude -104.1687

NATURE OF RELEASE

Type of Release Gas	Volume of Release Unknown	Volume Recovered 0
Source of Release Hammer Union/Gas Line	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 5Aug14 A.M.
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
Was a Watercourse Reached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse. Unknown	
If a Watercourse was Impacted, Describe Fully.* N/A		
Describe Cause of Problem and Remedial Action Taken.* Hammer Union/Line developed a leak at the point where the line makes a 90 degree turn to the east going under Grandi Road. Upon discovery, the line was shut in and the impacted area was excavated to expose the line. Once exposed, the line was repaired and put back in service. The impacted soil that was excavated was transported to a division approved disposal facility. An environmental remediation company will be contracted for a complete remediation of the impacted area. During the remediation/excavation process, groundwater was encountered at approximately 12' BGS on the west side of the road. A groundwater sample was obtained and sent for lab analysis. Results will be presented to NM OCD.		
Describe Area Affected and Cleanup Action Taken.*		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Zach Thomas	Approved by Environmental Specialist:	
Title: HSE	Approval Date:	Expiration Date:
E-mail Address: zthomas@mewbourne.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 3Sept14 Phone: 575-602-2188-		

* Attach Additional Sheets If Necessary

Mewbourne Oil Company-Waltersheid #1



August 12, 2014

VERNON BLACK

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: WALTERSHEID #1

Enclosed are the results of analyses for samples received by the laboratory on 08/07/14 15:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Soil Samples
Prior to Excavation

Analytical Results For:

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

 Received: 08/07/2014
 Reported: 08/12/2014
 Project Name: WALTERSHEID #1
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 08/07/2014
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: W SIDE OF ROAD 8' BGS (H402435-01)

BTEX 8021B		mg/kg		Analyzed By: CK		S-04			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	08/11/2014	ND	1.95	97.4	2.00	6.89	
Toluene*	2.39	0.200	08/11/2014	ND	1.98	99.1	2.00	6.53	
Ethylbenzene*	1.23	0.200	08/11/2014	ND	1.99	99.5	2.00	6.93	
Total Xylenes*	13.5	0.600	08/11/2014	ND	6.14	102	6.00	6.72	
Total BTEX	17.2	1.20	08/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 161 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	08/11/2014	ND	400	100	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	212	10.0	08/08/2014	ND	171	85.5	200	8.57	
DRO >C10-C28	2840	10.0	08/08/2014	ND	180	89.9	200	9.44	

Surrogate: 1-Chlorooctane 103 % 65.2-140

Surrogate: 1-Chlorooctadecane 123 % 63.6-154

*=Accredited Analyte

Cardinal Laboratories

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



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 08/07/2014
 Reported: 08/12/2014
 Project Name: WALTERSHEID #1
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 08/07/2014
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: E SIDE OF ROAD 10' BGS (H402435-02)

BTEX 8021B		mg/kg		Analyzed By: CK		S-04			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.70	1.00	08/11/2014	ND	1.95	97.4	2.00	6.89	
Toluene*	13.6	1.00	08/11/2014	ND	1.98	99.1	2.00	6.53	
Ethylbenzene*	5.47	1.00	08/11/2014	ND	1.99	99.5	2.00	6.93	
Total Xylenes*	82.4	3.00	08/11/2014	ND	6.14	102	6.00	6.72	
Total BTEX	103	6.00	08/11/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 148 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM		S-06			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/11/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS		S-06			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1570	50.0	08/08/2014	ND	171	85.5	200	8.57	
DRO >C10-C28	3330	50.0	08/08/2014	ND	180	89.9	200	9.44	

Surrogate: 1-Chlorooctane 169 % 65.2-140

Surrogate: 1-Chlorooctadecane 119 % 63.6-154

* = Accredited Analyte

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

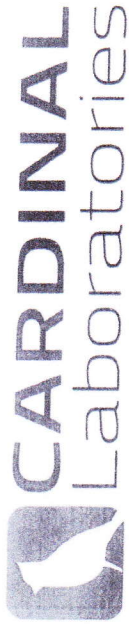
*=Accredited Analyte

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL
Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO		ANALYSIS REQUEST											
P.O. #:													
Company:													
Attn:													
Address:													
City:													
State:													
Phone #:													
Fax #:													
Company Name: <u>Hungry Horse, LLC</u>													
Project Manager: <u>Vernon K. Black</u>													
Address: <u>PO Box 1053</u>													
City: <u>Hobbs</u>													
Phone #: <u>575-631-2253</u>													
Fax #: <u>575-391-4585</u>													
Project #:													
Project Name: <u>Waltershead #1</u>													
Project Location: <u>Eddy County</u>													
Sampler Name: <u>Vernon K. Black</u>													
FOR LAB USE ONLY													
Lab I.D.													
Sample I.D.													
1 Westside of Road													
8' BGS / 1' below Pipe													
2 East Side of Road													
10 BGS / 1' below P.P.													

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

Relinquished By: <u>[Signature]</u>	Date: <u>7 Aug 14</u>	Received By: <u>Jodi Benson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Addr'l Phone #: <input type="checkbox"/> Yes <input type="checkbox"/> No
Relinquished By:	Time: <u>1540</u>	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Addr'l Fax #: <input type="checkbox"/> Yes <input type="checkbox"/> No
Delivered By: (Circle One)	Date:		REMARKS:	
Sampler - UPS - Bus - Other:	Time:			
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476				

September 10, 2014

VERNON BLACK

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: WALTERSHEID #1

Enclosed are the results of analyses for samples received by the laboratory on 09/02/14 14:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Caley D. Keene

Lab Director/Quality Manager

GW Sample at
Excavation site
12' BGS

Analytical Results For:

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

Received: 09/02/2014
Reported: 09/10/2014
Project Name: WALTERSHEID #1
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 09/02/2014
Sampling Type: Water
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: ACCUMULATED GROUND WATER 12' BGS (H402696-01)

BTX 8260B		mg/L		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.001	0.001	09/09/2014	ND	0.021	105	0.0200	3.38	
Toluene*	<0.001	0.001	09/09/2014	ND	0.021	106	0.0200	3.89	
Ethylbenzene*	<0.001	0.001	09/09/2014	ND	0.021	103	0.0200	3.85	
Total Xylenes*	<0.003	0.003	09/09/2014	ND	0.064	107	0.0600	2.80	
Total BTX	<0.006	0.006	09/09/2014	ND					

Surrogate: Dibromofluoromethane 104 % 87.3-113

Surrogate: Toluene-d8 101 % 89.6-110

Surrogate: 4-Bromofluorobenzene 98.9 % 82.3-119

Chloride, SM4500Cl-B		mg/L		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride*	4150	4.00	09/04/2014	ND	104	104	100	3.92	

*=Accredited Analyte

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

* = Accredited Analyte

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name:

Project Manager:

Address:

City:

Phone #:

Project #:

Project Name:

Project Location:

Sampler Name:

FOR LAB USE ONLY

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

PRESERV

SAMPLING

Lab I.D.

Sample I.D.

1402646

Accumulated Groundwater

G

CONTAINERS

X

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

X

ACID/BASE:

ICE / COOL

OTHER:

DATE

TIME

X

X

BTEX

Chlorides

Relinquished By:

Date:

Time:

Received By:

Date:

Time:

Sample Condition

Cool ☒ Intact ☒

Yes ☒ No ☒

CHECKED BY:

(Initials)

REMARKS:

Phone Result:

Fax Result:

Add'l Phone #:

Add'l Fax #:

Yes ☐ No ☐

Yes ☐ No ☐

Yes ☐ No ☐

Yes ☐ No ☐

samples taken & brought directly to lab.

gfa

* Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

October 13, 2014

VERNON BLACK

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: WALTERSHEID #1

Enclosed are the results of analyses for samples received by the laboratory on 10/06/14 9:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

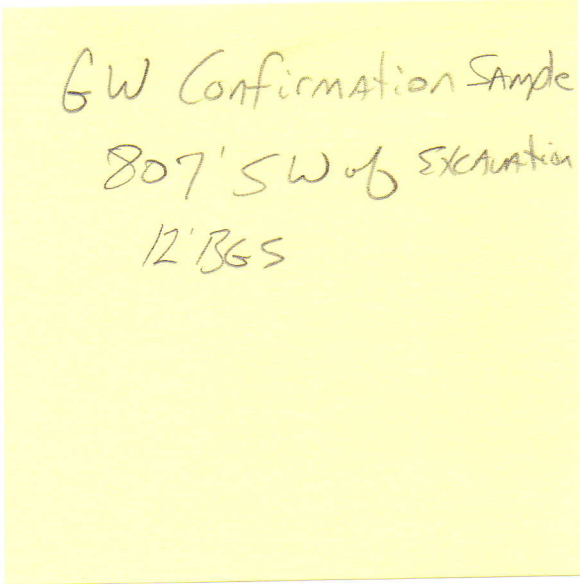
This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager



GW Confirmation Sample
807' SW of Excavation
12' BGS

Analytical Results For:

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

 Received: 10/06/2014
 Reported: 10/13/2014
 Project Name: WALTERSHEID #1
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 10/04/2014
 Sampling Type: Water
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: GW SAMPLE #1 (H403045-01)

BTEX 8021B			mg/L							Analyzed By: ms	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.001	0.001	10/11/2014	ND	0.026	132	0.0200	1.62			
Toluene*	<0.001	0.001	10/11/2014	ND	0.025	125	0.0200	0.666			
Ethylbenzene*	<0.001	0.001	10/11/2014	ND	0.024	118	0.0200	0.556			
Total Xylenes*	<0.003	0.003	10/11/2014	ND	0.070	117	0.0600	0.440			
Total BTEX	<0.006	0.006	10/11/2014	ND							

Surrogate: 4-Bromofluorobenzene (PIL) 102 % 66.2-142

Chloride, SM4500Cl-B			mg/L							Analyzed By: AP	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride*	5100	4.00	10/07/2014	ND	100	100	100	0.00			

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO										ANALYSIS REQUEST																			
Company Name: Hungry Horse, LLC Project Manager: Vernon K. Black Address: PO Box 1058 City: Hobbs State: NM Zip: 88241 Phone #: 575-631-2253 Fax #: 575-391-4585 Project #: Project Name: Waltershead #1 Project Location: Eddy County NM Sampler Name: Vernon K. Black										P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:																			
FOR LAB USE ONLY Lab I.D. H403045 Sample I.D. Grand water Sample Southwest of excavation 1 GW Sample #1										MATRIX (G)RAB OR (C)OMP. <input checked="" type="checkbox"/> # CONTAINERS <input type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: <input type="checkbox"/> ACID/BASE <input checked="" type="checkbox"/> ICE / COOL <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/>										PRESERV SAMPLING DATE 4 OCT 14 TIME 0930 chlorides <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/>									
Relinquished By: [Signature] Date: 10-6-14 Time: 9:10 Relinquished By: [Signature]										Received By: [Signature] Date: 10-6-14 Time: 9:10 Received By: [Signature]																			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:										Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Leaks <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No																			
Delivered By: [Signature] Date: 10-6-14 Time: 9:10 Delivered By: [Signature]										Checked By: [Signature] Date: 10-6-14 Time: 9:10 Checked By: [Signature]																			
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

October 09, 2014

VERNON BLACK

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: WALTERSHEID #1

Enclosed are the results of analyses for samples received by the laboratory on 10/06/14 9:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Soil Confirmation Sample

7'-10' BGS

Excavation on West Side
of Grandi Road

Analytical Results For:

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

Received: 10/06/2014
Reported: 10/09/2014
Project Name: WALTERSHEID #1
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 10/04/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: NORTH END 10' BGS (H403046-01)

BTEX 8021B			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2014	ND	1.83	91.7	2.00	7.05	
Toluene*	<0.050	0.050	10/08/2014	ND	1.75	87.7	2.00	7.28	
Ethylbenzene*	<0.050	0.050	10/08/2014	ND	1.69	84.5	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/08/2014	ND	5.04	84.1	6.00	8.18	
Total BTEX	<0.300	0.300	10/08/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 100 % 61-154

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/08/2014	ND	400	100	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	10/07/2014	ND	176	88.2	200	4.12	
DRO >C10-C28	<10.0	10.0	10/07/2014	ND	180	90.2	200	3.18	

Surrogate: 1-Chlorooctane 93.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 99.5 % 52.1-176

*=Accredited Analyte

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 10/06/2014
Reported: 10/09/2014
Project Name: WALTERSHEID #1
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 10/04/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SOUTH END 7' BGS (H403046-02)

BTEX 8021B			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2014	ND	1.83	91.7	2.00	7.05	
Toluene*	<0.050	0.050	10/08/2014	ND	1.75	87.7	2.00	7.28	
Ethylbenzene*	<0.050	0.050	10/08/2014	ND	1.69	84.5	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/08/2014	ND	5.04	84.1	6.00	8.18	
Total BTEX	<0.300	0.300	10/08/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 99.8 % 61-154

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/08/2014	ND	400	100	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	10/07/2014	ND	176	88.2	200	4.12	
DRO >C10-C28	<10.0	10.0	10/07/2014	ND	180	90.2	200	3.18	

Surrogate: 1-Chlorooctane 99.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 98.6 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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