

From: [Yu, Olivia, EMNRD](#)
To: ["Vernon Black"](#)
Cc: [David Massey: "harrisnursery@gmail.com"](#)
Subject: RE: Wishbone Texas Operating- HH Harris #2
Date: Tuesday, June 6, 2017 4:52:00 PM

Dear Mr. Black:

The request for closure regarding 1RP-4543 is DENIED. As mentioned in the below email, NMOCD requests laboratory analyses of BTEX, TPH, and chlorides at 12 ft. bgs and an intermediate sample depth, which in this case is 7 ft. bgs to complete vertical delineation. Also, GPS coordinates and photo documentation of the horizontal delineation of the west and east walls are requested. How far west and east were the walls extended? Please provide this information in a formal remediation/closure report.

Thanks,
Olivia

From: Vernon Black [mailto:vblack@hungry-horse.com]
Sent: Monday, June 5, 2017 9:04 AM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Subject: RE: Wishbone Texas Operating- HH Harris #2

Good Morning Olivia,

Well looks like we got to where we needed to be at the HH Harris #2. We worked more off the west wall and just a little more off east wall. All samples indicate levels at or below NM OCD closure levels. Please accept this e-mail as request for closure. Upon completion of backfilling a closure report will be submitted.

Thanks,

Vernon K. Black
Hungry Horse, LLC
PO Box 1058
Hobbs, NM 88241
575-393-3386 office
575-631-2253 cell

From: Yu, Olivia, EMNRD [mailto:Olivia.Yu@state.nm.us]
Sent: Tuesday, May 16, 2017 7:44 AM
To: Vernon Black <vblack@hungry-horse.com>
Cc: David Massey <dmassey@wishboneep.com>; Scott Little <slittle@hungry-horse.com>
Subject: RE: Wishbone Texas Operating- HH Harris #2

Dear Mr. Black:

NMOCD approves the delineation workplan for 1RP-4543. Please provide any field data along with lab analyses for the additional sidewall and bottom confirmation samples. Sample depths must be no greater than 5 ft. apart. During vertical delineation, were soil samples taken for BTEX, TPH, or chloride field tests between 2 ft. and 12 ft. bgs? Optimally, NMOCD would like to see a trend that chloride levels are decreasing to permissible levels.

Thanks,
Olivia

From: Vernon Black [<mailto:vblack@hungry-horse.com>]

Sent: Monday, May 8, 2017 6:08 AM

To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>

Cc: David Massey <dmassey@wishboneep.com>; Scott Little <slittle@hungry-horse.com>

Subject: Wishbone Texas Operating- HH Harris #2

Good Morning Olivia,

Thanks for taking the time to discuss this work plan with me on Thursday. As per our discussion, we'll continue the excavation of the east and west walls in an outward direction until field test show that the Chloride levels have reached closure level or below. At that time, sidewall confirmation samples will be obtained and lab analysis conducted. I'll get you the results for review and closure approval.

Thanks,

Vernon K. Black
Hungry Horse, LLC
PO Box 1058
Hobbs, NM 88241
575-393-3386 office
575-631-2253 cell



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

June 02, 2017

VERNON BLACK

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: H-H HARRIS

Enclosed are the results of analyses for samples received by the laboratory on 05/30/17 15:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received: 05/30/2017
Reported: 06/02/2017
Project Name: H-H HARRIS
Project Number: NONE GIVEN
Project Location: WISHBONE OPER.

Sampling Date: 05/26/2017
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: WEST WALL (H701429-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/02/2017	ND	432	108	400	0.00		

Sample ID: WEST BOTTOM HOLE (H701429-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/02/2017	ND	432	108	400	0.00		

Sample ID: EAST WALL (H701429-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/02/2017	ND	432	108	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO				ANALYSIS REQUEST											
P.O. #:															
Company:															
Attn:															
Address:															
City:															
State:															
Zip:															
Phone #:															
Fax #:															
Project #:															
Project Name:															
Project Location:															
Sample Name:															
FOR LAB USE ONLY															
Lab I.D.				Sample I.D.											
H701428				West Well											
3				East Well											
				(G)RAB OR (C)OMP.											
				# CONTAINERS											
				GROUNDWATER											
				WASTEWATER											
				SOIL											
				OIL											
				SLUDGE											
				OTHER:											
				ACID/BASE:											
				ICE / COOL											
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				DATE											
				TIME											
				5-26-17 12:00											
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Relinquished By: Walter Date: 5-30-17 Received By: Walter

Relinquished By: Walter Date: 3-26-17 Received By: Walter

Time: _____

Delivered By: (Circle One) #75 15:30

Sampler - UPS - Bus - Other: #75

Sample Condition: ☒ Cool ☐ Intact

Checked By: Walter

Phone Result: ☐ Yes ☐ No Add'l Phone #: _____

Fax Result: ☐ Yes ☐ No Add'l Fax #: _____

REMARKS: _____

From: [Yu, Olivia, EMNRD](#)
To: ["Vernon Black"](#)
Subject: RE: Wishbone Operating: 1RP-4543
Date: Wednesday, April 19, 2017 1:07:00 PM

Mr. Black:

Thank you for the confirmation regarding the additional delineation for 1RP-4543.

Olivia

From: Vernon Black [mailto:vblack@hungry-horse.com]
Sent: Wednesday, April 19, 2017 12:14 PM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Subject: RE: Wishbone Operating: 1RP-4543

I just caught that, it does say inches, but that is incorrect. The samples were obtained at 2 feet BGS which is the bottom of the existing excavation. We'll get the additional confirmation samples from each sample point at 10' BGS instead of 5'.

Thanks again,
Vernon

From: Yu, Olivia, EMNRD [mailto:Olivia.Yu@state.nm.us]
Sent: Wednesday, April 19, 2017 10:53 AM
To: Vernon Black <vblack@hungry-horse.com>
Subject: RE: Wishbone Operating: 1RP-4543

Mr. Black:

Thank you for your prompt response. The Sample ID for the analytical laboratory results indicate that samples were taken at 2 inches rather than 2 feet. Is this incorrect?

I revised the additional depth because the depth to groundwater is closer to 50 ft. than initially presumed during our meeting. Thus, a greater buffer depth of 10 ft. additional is requested instead of the 5 ft. minimum. If soil samples were taken at 2 ft. bgs, then NMOCD requests bottom samples at 12 ft. bgs. Please confirm.

Thanks,
Olivia

From: Vernon Black [mailto:vblack@hungry-horse.com]
Sent: Wednesday, April 19, 2017 10:12 AM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Subject: RE: Wishbone Operating: 1RP-4543

Olivia,

Thanks for your time this morning and it was a pleasure to meet you as well. I appreciate the follow up after our meeting so I can be sure of the requirements.

1. I have the bottom hole samples from 2' BGS. As we discussed, you need an additional sample from 5' below this (7' BGS), correct?
2. I'll obtain and have analyzed a background sample.
3. I'll obtain and analyze sidewall samples from the outside walls.

Thanks,

Vernon K. Black
Hungry Horse, LLC
PO Box 1058
Hobbs, NM 88241
575-393-3386 office
575-631-2253 cell

From: Yu, Olivia, EMNRD [<mailto:Olivia.Yu@state.nm.us>]

Sent: Wednesday, April 19, 2017 9:54 AM

To: Vernon Black <vblack@hungry-horse.com>

Subject: Wishbone Operating: 1RP-4543

Dear Mr. Black:

A pleasure to meet you this morning. I had a chance to review the delineation documents previously submitted for 1RP-4543. As per our conversation, NMOCD requests additional vertical delineation at all 3 sample locations.

- Permissible levels of Benzene, BTEX, TPH, and chloride levels must be obtained and maintained for 10 ft. bgs. The revised additional vertical delineation is due to the fact that the average depth to water table is 58 ft. Permissible levels are Benzene 10 mg/kg, BTEX 50 mg/kg, TPH 1000 mg/kg, chlorides 600 mg/kg. At any depth that permissible levels are exceeded, the additional vertical delineation of 10 ft. recommences. Depth intervals must be 5 ft. or less.
- Please provide all field and laboratory data. Any laboratory analyses must have accompanying field data.
- Confirmation bottom samples for Benzene, BTEX, TPH, and chlorides are required. At a minimum, two depths from each sample location need to be sent to an accredited laboratory.
- For horizontal delineation, sidewall samples of the trenches or excavated area need to be analyzed.
- We did not discuss this, but one sample location need to be established outside the affected

area to serve as a background sample.

Please confirm. If you have any questions/ want clarification, please contact me.

Thanks,

Olivia Yu
Environmental Specialist
NMOCD, District I
Olivia.yu@state.nm.us
575-393-6161 x113

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.