

**Bratcher, Mike, EMNRD**

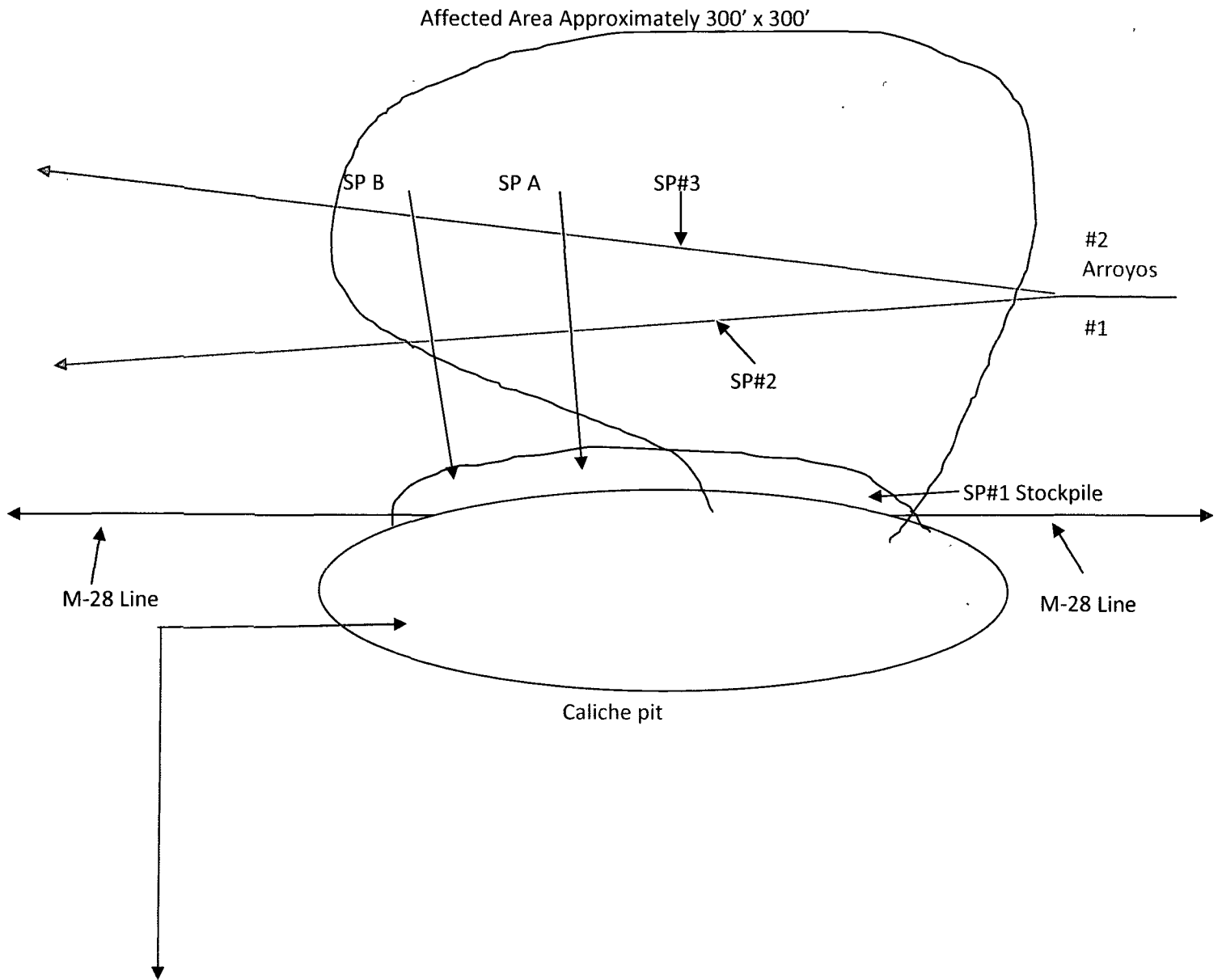
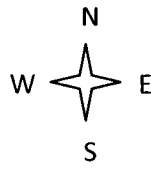
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**From:** Vernon Black [vernon@hungry-horse.com]  
**Sent:** Friday, September 09, 2011 7:16 AM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** john@hungry-horse.com  
**Subject:** DCP M 28 Line Closure Approval Request  
**Attachments:** DCP M 28 Line Drawing.docx; H101886 HHE.pdf; DCP M 28 Line Fianl Lab Spreadsheet.xlsx

Good morning Mike,

Please see the above attachments for closure approval for DCP's M-28 Line. SP's A & B are from the top of the stockpile. These samples along with the original samples indicate contaminant levels at or below closure level requirements. Please note that SP C (not on the sketch) is the sample point at the base of the arroyo's where they enter the playa. We have the points GPS'd and marked for future sampling should the need arise. Please give me a call if you have any questions.

Thanks,  
Vernon



NOTE: Drawing is not to scale, to be used for illustration purposes only.

DCP Midstream's M-28 Line Final Lab Results

BTEX

	SP A	SP B	SP C
1' BGS	<.15	<.15	<.15
3' BGS	***	***	<.15

TPH

	SP A	SP B	SP C
1' BGS	<10	<10	30.8
3' BGS	***	***	<.10

Chlorides

	SP A	SP B	SP C
1' BGS	<16	48	16
3' BGS	***	***	32



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

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September 08, 2011

VERNON BLACK

Hungry Horse Environmental

P.O. Box 1058

Hobbs, NM 88240

RE: DCP M28 LINE

Enclosed are the results of analyses for samples received by the laboratory on 09/06/11 9:30.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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: 09/06/2011  
 Reported: 09/08/2011  
 Project Name: DCP M28 LINE  
 Project Number: NONE GIVEN  
 Project Location: EDDY COUNTY

 Sampling Date: 09/02/2011  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP A (H101886-01)**

BTEx 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2011	ND	2.42	121	2.00	7.65		
Toluene*	<0.050	0.050	09/07/2011	ND	2.37	118	2.00	9.63		
Ethylbenzene*	<0.050	0.050	09/07/2011	ND	2.36	118	2.00	8.37		
Total Xylenes*	<0.150	0.150	09/07/2011	ND	7.07	118	6.00	8.03		

Surrogate 4-Bromofluorobenzene (PIE) 111 % 64 4-134

Chloride, SM4500Cl-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	09/06/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/07/2011	ND	169	84.5	200	1.21		
DRO >C10-C28	<10.0	10.0	09/07/2011	ND	171	85.3	200	0.811		

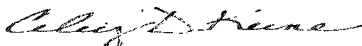
Surrogate 1-Chlorooctane 117 % 55 5-154

Surrogate 1-Chlorooctadecane 113 % 57 6-158

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

 Received: 09/06/2011  
 Reported: 09/08/2011  
 Project Name: DCP M28 LINE  
 Project Number: NONE GIVEN  
 Project Location: EDDY COUNTY

 Sampling Date: 09/02/2011  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP B (H101886-02)**

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2011	ND	2.42	121	2.00	7.65	
Toluene*	<0.050	0.050	09/07/2011	ND	2.37	118	2.00	9.63	
Ethylbenzene*	<0.050	0.050	09/07/2011	ND	2.36	118	2.00	8.37	
Total Xylenes*	<0.150	0.150	09/07/2011	ND	7.07	118	6.00	8.03	

Surrogate 4-Bromofluorobenzene (PIL) 110 % 64 4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/06/2011	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/07/2011	ND	169	84.5	200	1.21	
DRO >C10-C28	777	10.0	09/07/2011	ND	171	85.3	200	0.811	

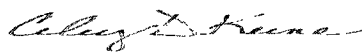
Surrogate 1-Chlorooctane 121 % 55 5-154

Surrogate 1-Chlorooctadecane 114 % 57 6-158

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

 Received: 09/06/2011  
 Reported: 09/08/2011  
 Project Name: DCP M28 LINE  
 Project Number: NONE GIVEN  
 Project Location: EDDY COUNTY

 Sampling Date: 09/02/2011  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP C 1' BGS (H101886-03)**

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2011	ND	2.42	121	2.00	7.65		
Toluene*	<0.050	0.050	09/07/2011	ND	2.37	118	2.00	9.63		
Ethylbenzene*	<0.050	0.050	09/07/2011	ND	2.36	118	2.00	8.37		
Total Xylenes*	<0.150	0.150	09/07/2011	ND	7.07	118	6.00	8.03		

Surrogate 4-Bromofluorobenzene (PIE) 110 % 64 4-134

Chloride, SM4500Cl-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	09/06/2011	ND	416	104	400	3.77	
TPH 8015M		mg/kg		Analyzed By: ab					


Surrogate 1-Chlorooctane 112 % 55 5-154

Surrogate 1-Chlorooctadecane 112 % 57 6-158

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

 Received: 09/06/2011  
 Reported: 09/08/2011  
 Project Name: DCP M28 LINE  
 Project Number: NONE GIVEN  
 Project Location: EDDY COUNTY

 Sampling Date: 09/02/2011  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP C 3' BGS (H101886-04)**

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2011	ND	2.42	121	2.00	7.65	
Toluene*	<0.050	0.050	09/07/2011	ND	2.37	118	2.00	9.63	
Ethylbenzene*	<0.050	0.050	09/07/2011	ND	2.36	118	2.00	8.37	
Total Xylenes*	<0.150	0.150	09/07/2011	ND	7.07	118	6.00	8.03	

Surrogate 4-Bromofluorobenzene (PIL) 111 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/06/2011	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/07/2011	ND	169	84.5	200	1.21	
DRO >C10-C28	<10.0	10.0	09/07/2011	ND	171	85.3	200	0.811	

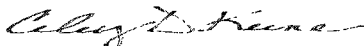
Surrogate 1-Chlorooctane 113 % 55.5-154

Surrogate 1-Chlorooctadecane 110 % 57.6-158

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\*=Accredited Analyte

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Celest 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

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Celey D. Keene, Lab Director/Quality Manager



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Hungry Horse</u>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>																	
Project Manager: _____		P.O. #: _____		<div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">7PH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> </div>																	
Address: _____		Company: _____																			
City: _____ State: _____ Zip: _____		Attn: _____																			
Phone #: _____ Fax #: _____		Address: _____																			
Project #: _____ Project Owner: <u>M28 Line</u>		City: _____																			
Project Name: <u>DCP M28 Line</u>		State: _____ Zip: _____																			
Project Location: <u>Eddy County</u>		Phone #: _____																			
Sampler Name: _____		Fax #: _____																			
FOR LAB USE ONLY																					
Lab I.D.	Sample I.D.	# CONTAINERS	MATRIX	PRESERV	SAMPLING																
			GROUN/WATER WASTEWATER SOIL SLUDGE OTHER	ACID/BASE ICE / COOL OTHER	DATE TIME																
H101886	1 SP A	✓	✓	✓	9-2-11 1200																
	2 SP B	✓	✓	✓																	
	3 SP C 1' BGS	✓	✓	✓																	
	4 SP C 3' BGS	✓	✓	✓																	

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Relinquished By: <u>John Soble</u>	Date: <u>9-2-11</u>	Received By: <u>[Signature]</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: _____
Relinquished By: _____	Time: <u>0930</u>	Received By: _____	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: _____
Delivered By: (Circle One)	Time: _____	Sample Condition: <u>45°C</u>	REMARKS: <u>John Whungry - horse, CORN</u>	
Sampler - UPS - Bus - Other: _____		Checked By: <u>[Signature]</u>		

DCP Midstream's M-28 Line Final Lab Results

BTEX

	SP A	SP B	SP C
1' BGS	<.15	<.15	<.15
3' BGS	***	***	<.15

TPH

	SP A	SP B	SP C
1' BGS	<10	<10	30.8
3' BGS	***	***	<.10

Chlorides

	SP A	SP B	SP C
1' BGS	<16	48	16
3' BGS	***	***	32