

2011 DATA

Leking, Geoffrey R, EMNRD

From: Wright, Justin (PAC) [Justin.Wright@contractor.conocophillips.com]
Sent: Monday, August 29, 2011 2:23 PM
To: tbadbear@blm.gov; Leking, Geoffrey R, EMNRD
Cc: Gates, John W
Subject: FW:
Attachments: 2011082915165523.pdf

Please review and send any comments back to me. Do we need to come up with a new plan that includes a new excavation plan? In order to do more excavation we will have to make the affected area bigger for safety reasons.

t, Justin (PAC)
r, August 29, 2011 3:17 PM
Justin (PAC)

HOBBS OCD

AUG 29 2011

RECEIVED

AUG 30 2011

Reviewed
Geoffrey Leking
Env. Engr.
NMCCD-HOBBS
8/30/11



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

August 26, 2011

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

HOBBS OCD

AUG 29 2011

RECEIVED

RE: MLA #95

Enclosed are the results of analyses for samples received by the laboratory on 08/24/11 11:35.

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:

 DIAMONDBACK DISPOSAL SERVICE INC.
 JUSTIN ROBERTS
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

 Received: 08/24/2011
 Reported: 08/26/2011
 Project Name: MLA #95
 Project Number: NONE GIVEN
 Project Location: CONOCO PHILLIPS

 Sampling Date: 08/24/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SOUTH WALL (H101787-01)

BTEX 8021B		mg/kg	Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	08/26/2011	ND	2.00	99.8	2.00	5.97	
Toluene*	1.85	0.200	08/26/2011	ND	1.93	96.5	2.00	8.86	
Ethylbenzene*	3.67	0.200	08/26/2011	ND	1.99	99.3	2.00	9.08	
Total Xylenes*	7.55	0.600	08/26/2011	ND	5.98	99.7	6.00	7.79	

Surrogate: 4-Bromofluorobenzene (PIL) 141 % 64.4-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	08/24/2011	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	298	50.0	08/25/2011	ND	197	98.3	200	2.74	
DRO >C10-C28	3190	50.0	08/25/2011	ND	176	87.9	200	0.360	

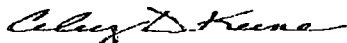
Surrogate: 1-Chlorooctane 109 % 55.5-154

Surrogate: 1-Chlorooctadecane 114 % 57.6-158

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 JUSTIN ROBERTS
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received: 08/24/2011
 Reported: 08/26/2011
 Project Name: MLA #95
 Project Number: NONE GIVEN
 Project Location: CONOCO PHILLIPS

Sampling Date: 08/24/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: WEST WALL (H101787-02)

BTX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.232	0.200	08/26/2011	ND	2.00	99.8	2.00	5.97	
Toluene*	7.21	0.200	08/26/2011	ND	1.93	96.5	2.00	8.86	
Ethylbenzene*	6.50	0.200	08/26/2011	ND	1.99	99.3	2.00	9.08	
Total Xylenes*	20.1	0.600	08/26/2011	ND	5.98	99.7	6.00	7.79	

Surrogate: 4-Bromofluorobenzene (PIL) 142 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1640	16.0	08/25/2011	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	855	100	08/25/2011	ND	197	98.3	200	2.74	
DRO >C10-C28	14500	100	08/25/2011	ND	176	87.9	200	0.360	

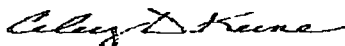
Surrogate: 1-Chlorooctane 109 % 55.5-154

Surrogate: 1-Chlorooctadecane 119 % 57.6-158

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
JUSTIN ROBERTS
P. O. BOX 2491
HOBBS NM, 88241
Fax To: (575) 392-9376

Received: 08/24/2011
Reported: 08/26/2011
Project Name: MLA #95
Project Number: NONE GIVEN
Project Location: CONOCO PHILLIPS

Sampling Date: 08/24/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: FLOOR 9' BGS (H101787-03)

BTX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.275	0.200	08/26/2011	ND	2.00	99.8	2.00	5.97	
Toluene*	5.24	0.200	08/26/2011	ND	1.93	96.5	2.00	8.86	
Ethylbenzene*	12.9	0.200	08/26/2011	ND	1.99	99.3	2.00	9.08	
Total Xylenes*	23.1	0.600	08/26/2011	ND	5.98	99.7	6.00	7.79	

Surrogate: 4-Bromofluorobenzene (PIL) 146 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	08/25/2011	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	918	50.0	08/25/2011	ND	197	98.3	200	2.74	
DRO >C10-C28	5880	50.0	08/25/2011	ND	176	87.9	200	0.360	

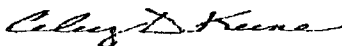
Surrogate: 1-Chlorooctane 96.0 % 55.5-154

Surrogate: 1-Chlorooctadecane 102 % 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 JUSTIN ROBERTS
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received: 08/24/2011
 Reported: 08/26/2011
 Project Name: MLA #95
 Project Number: NONE GIVEN
 Project Location: CONOCO PHILLIPS

Sampling Date: 08/24/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: EAST WALL (H101787-04)

BTX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	08/26/2011	ND	2.00	99.8	2.00	5.97	
Toluene*	4.22	0.200	08/26/2011	ND	1.93	96.5	2.00	8.86	
Ethylbenzene*	3.62	0.200	08/26/2011	ND	1.99	99.3	2.00	9.08	
Total Xylenes*	8.87	0.600	08/26/2011	ND	5.98	99.7	6.00	7.79	

Surrogate: 4-Bromofluorobenzene (PIL) 133 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	08/25/2011	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	165	50.0	08/26/2011	ND	197	98.3	200	2.74	
DRO >C10-C28	970	50.0	08/26/2011	ND	176	87.9	200	0.360	

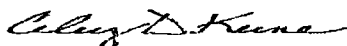
Surrogate: 1-Chlorooctane 98.4 % 55.5-154

Surrogate: 1-Chlorooctadecane 97.3 % 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
JUSTIN ROBERTS
P. O. BOX 2491
HOBBS NM, 88241
Fax To: (575) 392-9376

Received: 08/24/2011
Reported: 08/26/2011
Project Name: MLA #95
Project Number: NONE GIVEN
Project Location: CONOCO PHILLIPS

Sampling Date: 08/24/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: NORTH WALL (H101787-05)

BTX 80218			mg/kg							Analyzed By: CMS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	0.908	0.200	08/26/2011	ND	2.00	99.8	2.00	5.97			
Toluene*	8.86	0.200	08/26/2011	ND	1.93	96.5	2.00	8.86			
Ethylbenzene*	6.96	0.200	08/26/2011	ND	1.99	99.3	2.00	9.08			
Total Xylenes*	11.7	0.600	08/26/2011	ND	5.98	99.7	6.00	7.79			

Surrogate: 4-Bromofluorobenzene (PIL) 131 % 64.4-134

Chloride, SM4500Cl-B			mg/kg							Analyzed By: HM	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	608	16.0	08/25/2011	ND	432	108	400	0.00			

TPH 8015M			mg/kg							Analyzed By: ab	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	284	50.0	08/26/2011	ND	197	98.3	200	2.74			
DRO >C10-C28	3270	50.0	08/26/2011	ND	176	87.9	200	0.360			

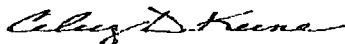
Surrogate: 1-Chlorooctane 122 % 55.5-154

Surrogate: 1-Chlorooctadecane 112 % 57.6-158

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*=Accredited Analyte

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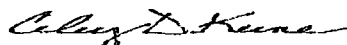
Notes and Definitions

S-HI	High surrogate recovery was confirmed as a matrix effect by a second analysis.
A-01	High surrogate recovery due to objective matrix interference.
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: Dittmeyerbach DISPOSAL		BILL-TO		ANALYSIS REQUEST										
Project Manager: Justin Roberts		P.O. #:												
Address: P.O. Box 2491		Company:												
City: Hobbs	State: NM	Zip: 88241	Attn:											
Phone #: 575-392-4496	Fax #: 575-392-9376		Address:											
Project #:	Project Owner: ConocoPhillips		City:											
Project Name: MLot #95			State:		Zip:									
Project Location:			Phone #:											
Sampler Name: Justin Roberts			Fax #:											
FOR LAB USE ONLY			MATRIX		PRESERV.		SAMPLING							
Lab I.D.	Sample I.D.	(GRAB OR COMPOUND) # CONTAINERS	GROUNDWATER WASTEWATER	SOIL OIL SLUDGE OTHER:	ACID/BASE, ICE / COOL OTHER:	DATE	TIME	TPH	BTEN	CL-				
#AIDT57														
1	South Wall	C	X			8-24-11	0900	✓	✓	✓				
2	West Wall	C	X			"	0907	✓	✓	✓				
3	Floor 5' BGS	C	X			"	0857	✓	✓	✓				
4	East Wall	C	X			"	0916	✓	✓	✓				
5	North Wall	C	X			"	0912	✓	✓	✓				

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Relinquished By: <i>WSTK</i>	Date: <i>8-24-11</i>	Received By: <i>Jodi Benson</i>	Phone Result: ☐ Yes ☐ No Add'l Phone #: _____ Fax Result: ☐ Yes ☐ No Add'l Fax #: _____ REMARKS: <i>diamondback 2491@yahoo.com</i>
Relinquished By:	Date: <i>1135</i>	Received By:	
Time:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition: Cool ☒ Intact ☒ Yes ☒ No ☒	CHECKED BY: (Initials) <i>JS</i>	

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