

# Post-excavation data

**Analytical Results For:**

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

 Received: 02/20/2015  
 Reported: 02/23/2015  
 Project Name: HONDO 4 FED #4  
 Project Number: NONE GIVEN  
 Project Location: EDDY COUNTY, NM

 Sampling Date: 02/20/2015  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: #1 (H500498-05)**

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	02/21/2015	ND	1.79	89.3	2.00	7.86	
Toluene*	<b>0.257</b>	0.050	02/21/2015	ND	1.82	90.8	2.00	6.58	
Ethylbenzene*	<b>0.099</b>	0.050	02/21/2015	ND	1.81	90.3	2.00	6.93	
Total Xylenes*	<0.150	0.150	02/21/2015	ND	5.27	87.8	6.00	7.42	
<b>Total BTEX</b>	<b>0.356</b>	0.300	02/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 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	<16.0	16.0	02/20/2015	ND	416	104	400	3.92	

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	02/20/2015	ND	200	99.9	200	1.01	
DRO >C10-C28	<10.0	10.0	02/20/2015	ND	202	101	200	1.27	

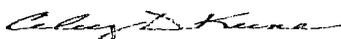
Surrogate: 1-Chlorooctane 119 % 47.2-157

Surrogate: 1-Chlorooctadecane 124 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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 BRANDON PRICE  
 P. O. BOX 2491  
 HOBBS NM, 88241  
 Fax To: (575) 392-9376

 Received: 02/20/2015  
 Reported: 02/23/2015  
 Project Name: HONDO 4 FED #4  
 Project Number: NONE GIVEN  
 Project Location: EDDY COUNTY, NM

 Sampling Date: 02/20/2015  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: #2 (H500498-06)**

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	02/21/2015	ND	1.79	89.3	2.00	7.86	
Toluene*	<0.050	0.050	02/21/2015	ND	1.82	90.8	2.00	6.58	
Ethylbenzene*	<0.050	0.050	02/21/2015	ND	1.81	90.3	2.00	6.93	
Total Xylenes*	<0.150	0.150	02/21/2015	ND	5.27	87.8	6.00	7.42	
Total BTEX	<0.300	0.300	02/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PII) 89.4 % 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	<16.0	16.0	02/20/2015	ND	416	104	400	3.92	

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	02/20/2015	ND	200	99.9	200	1.01	
DRO >C10-C28	<10.0	10.0	02/20/2015	ND	202	101	200	1.27	

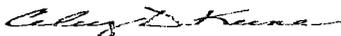
Surrogate: 1-Chlorooctane 105 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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 HOBBS NM, 88241  
 Fax To: (575) 392-9376

Received:	02/20/2015	Sampling Date:	02/20/2015
Reported:	02/23/2015	Sampling Type:	Soil
Project Name:	HONDO 4 FED #4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: #3 (H500498-07)**

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	02/21/2015	ND	1.79	89.3	2.00	7.86	
Toluene*	<0.050	0.050	02/21/2015	ND	1.82	90.8	2.00	6.58	
Ethylbenzene*	<0.050	0.050	02/21/2015	ND	1.81	90.3	2.00	6.93	
Total Xylenes*	<0.150	0.150	02/21/2015	ND	5.27	87.8	6.00	7.42	
Total BTEX	<0.300	0.300	02/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 93.7% 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	<16.0	16.0	02/20/2015	ND	416	104	400	3.92	

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	02/20/2015	ND	200	99.9	200	1.01	
DRO >C10-C28	<10.0	10.0	02/20/2015	ND	202	101	200	1.27	

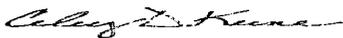
Surrogate: 1-Chlorooctane 121% 47.2-157

Surrogate: 1-Chlorooctadecane 121% 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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 Fax To: (575) 392-9376

 Received: 02/20/2015  
 Reported: 02/23/2015  
 Project Name: HONDO 4 FED #4  
 Project Number: NONE GIVEN  
 Project Location: EDDY COUNTY, NM

 Sampling Date: 02/20/2015  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: #4 (H500498-08)**

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	02/21/2015	ND	1.79	89.3	2.00	7.86	
Toluene*	<0.050	0.050	02/21/2015	ND	1.82	90.8	2.00	6.58	
Ethylbenzene*	<0.050	0.050	02/21/2015	ND	1.81	90.3	2.00	6.93	
Total Xylenes*	<0.150	0.150	02/21/2015	ND	5.27	87.8	6.00	7.42	
Total BTEX	<0.300	0.300	02/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 90.5 % 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	<16.0	16.0	02/20/2015	ND	416	104	400	3.92	

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	02/20/2015	ND	200	99.9	200	1.01	
DRO >C10-C28	<10.0	10.0	02/20/2015	ND	202	101	200	1.27	

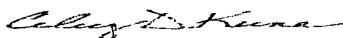
Surrogate: 1-Chlorooctane 114 % 47.2-157

Surrogate: 1-Chlorooctadecane 119 % 52.1-176

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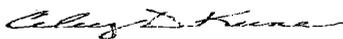
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Celey D. Keene, Lab Director/Quality Manager

### 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.
- 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>Diamondback</u>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																									
Project Manager: <u>Brandon Price</u>				P.O. #:																													
Address:				Company: <u>Heyco</u>																													
City:		State:		Zip:		Attn:																											
Phone #:		Fax #:		Address:																													
Project #:		Project Owner:		City:																													
Project Name: <u>Hondo 4 Fed # 4</u>				State:																Zip:													
Project Location: <u>Eddy County, NM</u>				Phone #:																													
Sampler Name: <u>Garrett Green</u>				Fax #:																													
TOP LAB USE ONLY																																	
Lab I.D.	Sample I.D.			MATRIX		PRESERV.														SAMPLING													
H500498	# 1A 2A 3A 4A # 1 2 3 4			GIRAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE		TIME		TPH	BTEX	CL												
						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓												
						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											
						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓										
						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓										

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Relinquished By: 		Date: <u>2/20/15</u>		Received By: <u>Jodi Anderson</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Relinquished By:		Date:		Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		CHECKED BY: <u>[Signature]</u>		REMARKS:  <u>RUSH!!</u>  <u>Justin, Keith, Brandon</u>			

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

Samples taken & brought directly to