

# Pre-excavation data

February 23, 2015

BRANDON PRICE

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: HONDO 4-FED #4

Enclosed are the results of analyses for samples received by the laboratory on 02/20/15 9:50.

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/ga/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/ga/lab_accred_certif.html).

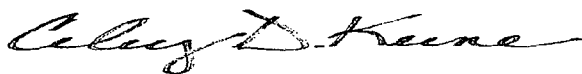
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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:**

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: #1A (H500498-01)**

BTEX 8021B			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.074</b>	0.050	02/21/2015	ND	1.79	89.3	2.00	7.86	
<b>Toluene*</b>	<b>2.21</b>	0.050	02/21/2015	ND	1.82	90.8	2.00	6.58	
<b>Ethylbenzene*</b>	<b>2.95</b>	0.050	02/21/2015	ND	1.81	90.3	2.00	6.93	
<b>Total Xylenes*</b>	<b>2.97</b>	0.150	02/21/2015	ND	5.27	87.8	6.00	7.42	
<b>Total BTEX</b>	<b>8.20</b>	0.300	02/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 101 % 61-154

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1060</b>	16.0	02/20/2015	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	<50.0	50.0	02/20/2015	ND	200	99.9	200	1.01	
<b>DRO &gt;C10-C28</b>	<b>2440</b>	50.0	02/20/2015	ND	202	101	200	1.27	

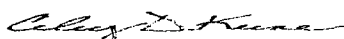
Surrogate: 1-Chlorooctane 131 % 47.3-157

Surrogate: 1-Chlorooctadecane 149 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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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: #2A (H500498-02)**

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	02/21/2015	ND	1.79	89.3	2.00	7.86		
Toluene*	1.27	0.050	02/21/2015	ND	1.82	90.8	2.00	6.58		
Ethylbenzene*	2.96	0.050	02/21/2015	ND	1.81	90.3	2.00	6.93		
Total Xylenes*	3.57	0.150	02/21/2015	ND	5.27	87.8	6.00	7.42		
Total BTEX	7.80	0.300	02/21/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	400	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	79.1	50.0	02/20/2015	ND	200	99.9	200	1.01			
DRO >C10-C28	1750	50.0	02/20/2015	ND	202	101	200	1.27			

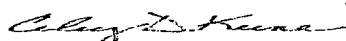
Surrogate: 1-Chlorooctane 145 % 47.2-157

Surrogate: 1-Chlorooctadecane 142 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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 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: #3A (H500498-03)**

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.128</b>	0.050	02/21/2015	ND	1.79	89.3	2.00	7.86	
<b>Toluene*</b>	<b>2.16</b>	0.050	02/21/2015	ND	1.82	90.8	2.00	6.58	
<b>Ethylbenzene*</b>	<b>3.10</b>	0.050	02/21/2015	ND	1.81	90.3	2.00	6.93	
<b>Total Xylenes*</b>	<b>3.72</b>	0.150	02/21/2015	ND	5.27	87.8	6.00	7.42	
<b>Total BTX</b>	<b>9.11</b>	0.300	02/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 109 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>752</b>	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
<b>GRO C6-C10</b>	<b>64.2</b>	50.0	02/20/2015	ND	200	99.9	200	1.01	
<b>DRO &gt;C10-C28</b>	<b>2070</b>	50.0	02/20/2015	ND	202	101	200	1.27	

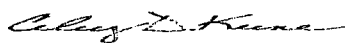
Surrogate: 1-Chlorooctane 136 % 47.2-157

Surrogate: 1-Chlorooctadecane 138 % 52.1-176

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\*=Accredited Analyte

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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: #4A (H500498-04)**

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	15.8	5.00	02/21/2015	ND	1.79	89.3	2.00	7.86	
Toluene*	210	5.00	02/21/2015	ND	1.82	90.8	2.00	6.58	
Ethylbenzene*	221	5.00	02/21/2015	ND	1.81	90.3	2.00	6.93	
Total Xylenes*	195	15.0	02/21/2015	ND	5.27	87.8	6.00	7.42	
Total BTX	642	30.0	02/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 97.2 % 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	3480	16.0	02/20/2015	ND	416	104	400	3.92	

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	6000	100	02/20/2015	ND	200	99.9	200	1.01		
DRO >C10-C28	16600	100	02/20/2015	ND	202	101	200	1.27		

Surrogate: 1-Chlorooctane 238 % 47.2-157

Surrogate: 1-Chlorooctadecane 272 % 52.1-176

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