

October 30, 2013

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: HOND 4 FED #1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/25/13 9:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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](http://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:**

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

Received: 10/25/2013  
Reported: 10/30/2013  
Project Name: HOND 4 FED #1 BATTERY  
Project Number: NONE GIVEN  
Project Location: LOCO HILLS, NM

Sampling Date: 10/22/2013  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: CS 1 (H302590-01)**

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	10/29/2013	ND	1.68	83.8	2.00	3.80	
Toluene*	<0.050	0.050	10/29/2013	ND	1.71	85.5	2.00	3.52	
Ethylbenzene*	<0.050	0.050	10/29/2013	ND	1.72	86.0	2.00	3.73	
Total Xylenes*	<0.150	0.150	10/29/2013	ND	5.10	85.0	6.00	3.31	
Total BTEX	<0.300	0.300	10/29/2013	ND					

rogate: 4-Bromofluorobenzene (PIE) 108 % 89.4-126

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	10/28/2013	ND	400	100	400	7.69	

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	10/28/2013	ND	184	91.8	200	7.64	
DRO >C10-C28	<10.0	10.0	10/28/2013	ND	175	87.6	200	10.2	

Surrogate: 1-Chlorooctane 90.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.7 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received: 10/25/2013  
Reported: 10/30/2013  
Project Name: HOND 4 FED #1 BATTERY  
Project Number: NONE GIVEN  
Project Location: LOCO HILLS, NM

Sampling Date: 10/22/2013  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: CS 2 (H302590-02)**

BTX 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	10/29/2013	ND	1.68	83.8	2.00	3.80	
Toluene*	<0.050	0.050	10/29/2013	ND	1.71	85.5	2.00	3.52	
Ethylbenzene*	<0.050	0.050	10/29/2013	ND	1.72	86.0	2.00	3.73	
Total Xylenes*	<0.150	0.150	10/29/2013	ND	5.10	85.0	6.00	3.31	
Total BTX	<0.300	0.300	10/29/2013	ND					

rogate: 4-Bromofluorobenzene (PIE) 105 % 89.4-126

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	10/28/2013	ND	400	100	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	10/28/2013	ND	184	91.8	200	7.64	
DRO >C10-C28	<10.0	10.0	10/28/2013	ND	175	87.6	200	10.2	

Surrogate: 1-Chlorooctane 97.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 98.4 % 63.6-154

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\*=Accredited Analyte

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 JUSTIN ROBERTS  
 P. O. BOX 2491  
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 Fax To: (575) 392-9376

 Received: 10/25/2013  
 Reported: 10/30/2013  
 Project Name: HOND 4 FED #1 BATTERY  
 Project Number: NONE GIVEN  
 Project Location: LOCO HILLS, NM

 Sampling Date: 10/22/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: CS 3 (H302590-03)**

BTX 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	10/29/2013	ND	1.68	83.8	2.00	3.80	
Toluene*	<0.050	0.050	10/29/2013	ND	1.71	85.5	2.00	3.52	
Ethylbenzene*	<0.050	0.050	10/29/2013	ND	1.72	86.0	2.00	3.73	
Total Xylenes*	<0.150	0.150	10/29/2013	ND	5.10	85.0	6.00	3.31	
Total BTX	<0.300	0.300	10/29/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 89.4-126

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	10/28/2013	ND	400	100	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	10/28/2013	ND	184	91.8	200	7.64	
DRO >C10-C28	<10.0	10.0	10/28/2013	ND	175	87.6	200	10.2	

Surrogate: 1-Chlorooctane 91.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.3 % 63.6-154

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 Fax To: (575) 392-9376

 Received: 10/25/2013  
 Reported: 10/30/2013  
 Project Name: HOND 4 FED #1 BATTERY  
 Project Number: NONE GIVEN  
 Project Location: LOCO HILLS, NM

 Sampling Date: 10/22/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: CS 4 (H302590-04)**
**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	10/29/2013	ND	1.68	83.8	2.00	3.80	
Toluene*	<0.050	0.050	10/29/2013	ND	1.71	85.5	2.00	3.52	
Ethylbenzene*	<0.050	0.050	10/29/2013	ND	1.72	86.0	2.00	3.73	
Total Xylenes*	<0.150	0.150	10/29/2013	ND	5.10	85.0	6.00	3.31	
Total BTEX	<0.300	0.300	10/29/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 89.4-126

**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	10/28/2013	ND	400	100	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	10/28/2013	ND	184	91.8	200	7.64	
DRO >C10-C28	<10.0	10.0	10/28/2013	ND	175	87.6	200	10.2	

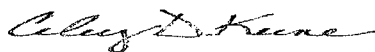
Surrogate: 1-Chlorooctane 88.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 91.3 % 63.6-154

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 Received: 10/25/2013  
 Reported: 10/30/2013  
 Project Name: HOND 4 FED #1 BATTERY  
 Project Number: NONE GIVEN  
 Project Location: LOCO HILLS, NM

 Sampling Date: 10/22/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: CS 5 (H302590-05)**

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	10/29/2013	ND	1.68	83.8	2.00	3.80	
Toluene*	<0.050	0.050	10/29/2013	ND	1.71	85.5	2.00	3.52	
Ethylbenzene*	<0.050	0.050	10/29/2013	ND	1.72	86.0	2.00	3.73	
Total Xylenes*	<0.150	0.150	10/29/2013	ND	5.10	85.0	6.00	3.31	
Total BTEX	<0.300	0.300	10/29/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 89.4-126

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	10/28/2013	ND	400	100	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	10/28/2013	ND	184	91.8	200	7.64	
DRO >C10-C28	94.4	10.0	10/28/2013	ND	175	87.6	200	10.2	

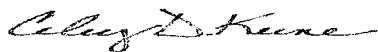
Surrogate: 1-Chlorooctane 92.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 103 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



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