

Sharps 3 Fed Com #2H

(Located in Section-3 Township 20S Range 29E)

Site Closure Plan

Presented to:

**Mewbourne Oil Company
701 S. Cecil
Hobbs, NM 88241**

Prepared By:



**Diamondback Disposal Services, Inc.
PO Box 2491
Hobbs, NM 88241**



DISPOSAL SERVICES, INC.

P.O. Box 2491•Hobbs, NM 88241

Ph: (575) 392-9996•Fx: (575) 392-9376

October 7, 2015

Mewbourne Oil Company
PO Box 5270
Hobbs, NM 88241

Re: Sharps 3 Federal Com #2H Battery

Dear Mr. Thomas,

Diamondback Disposal Services, Inc. (Diamondback) would like to take this time to thank you and Mewbourne Oil for the opportunity to be of service in the remediation of the above-mentioned site. Please find in the following closure report: the job overview, Remediation Activities, laboratory analysis, and site map of the project.

Note: Diamondback Disposal Services, Inc., (Diamondback) with offices at 2525 N. West County Road, Hobbs, New Mexico 88241 (the Company), has prepared this "Remediation Report" for the Sharps 3 Federal Com #2H, to the best of its ability. No warranty, expressed or implied, is made or intended. The report was prepared for Mewbourne Oil Company, which offices at 701 S. Cecil Hobbs, NM 88241 (the Client). All information disclosed in this plan is for internal purposes only and is considered confidential. By accepting this document, the recipient agrees to keep confidential the information contained herein. The recipient further agrees not to copy, reproduce or distribute to any third party this project plan in whole or in part, without express written permission from the Company or Client.

Once again if there is anything that Diamondback can be of assistance with, or if you have any questions, or need more data in regards to this project please call us at any time.

Sincerely

Justin Roberts
President
Diamondback Disposal Services, Inc.

Introduction

This report presents the results of remediation activities at the Sharps 3 Federal Com #2H Battery. The site is located in the Southeast Quarter of Section 3, Township 20S, Range 29E in Eddy County, New Mexico. Impacted areas are owned by Bureau of Land Management. Diamondback Disposal Services, Inc. (Diamondback) was contacted June 3, 2015 by Mr. Zach Thomas, of Mewbourne Oil Company, to perform the remediation activities at the spill site. The remediation was performed in general accordance with the industry standards and BLM rules and regulations. The following sections present: an overview, remediation activities, and recommendations of all remediation work performed on site.

Overview

The spill site is located mostly on Mewbourne location with a little ponding on federal land consisting of good grass, prairie, or range lands. Approximately 190 bbls of total fluids were lost due to lightning striking the heater treater, causing it to explode and draining all fluids. Of the lost fluids, approximately 100 bbls of produced water and 80 bbls of oil were recovered from the use of a vacuum truck. Approximately 48,000 square feet of location was impacted as well as, 10,000 square feet of pasture land. The depth to groundwater in the area is estimated to be greater than 150' below ground surface (BGS) based on the information, reviewed at the State Engineers web site. There were no water courses affected, no water wells within 1,000 feet, and no surface water bodies within 1,000 feet of the site, giving this site a ranking criteria score of zero. The potential contaminants of concern are mid to high-level concentrations of petroleum-based hydrocarbons and chlorides that were lost due to production equipment failures.

Remediation Activities

On June 5, 2015 Diamondback began excavating impacted areas on location, defined by ground staining and ponding. The excavation is approximately 6 inches in depth on the location where a sand layer was encountered. Approximately 300 cy of impacted soils have been excavated and transported to R-360's NMOCD approved facility. On September 22, 2015 five point composite samples were taken on the East and West sides of the location to determine if acceptable impactation levels had been met (see analytical and site map) Diamondback was then contacted Mr. Zach Thomas to delineate un-excavated area off location. Grab samples of four different test holes were collected at surface, 6" bgs, and 2' bgs (see attached map), packaged and sent to Cardinal Laboratory (with COC) for analysis of TPH, BTEX, and Chlorides (see analytical).

Recommendations

Upon reviewing the analytical provided by the third party independent lab, it is our belief the impacted area on the location has been excavated down to acceptable closure limits, and contaminants in the pasture area show to significantly reduce between surface and 6" bgs. Diamondback proposes to excavate stained area approximately 6 inches in depth, generating approximately 200 cy of material to be transported to R-360 for disposal. Diamondback feels once impacted area has been excavated, all regulatory limits stated in the guidelines for remediation of leaks and spills will have been met. This being said we propose to backfill the excavated area with clean granular soil, contour and crown, and seed area to promote vegetation growth. Diamondback feels this method will significantly reduce migration of impacted material through the vadose zone therefore leaving the site in a manner that will pose very little if any future environmental threat.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: Mewbourne Oil Company	Contact: Zack Thomas
Address: PO Box 5270 Hobbs NM 88241	Telephone No. 575-393-5905
Facility Name: Sharps 3 Fed Com #2H Battery	Facility Type: Producing Oil Well

Surface Owner: BLM	Mineral Owner: BLM	API No. 30-015-39822
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LOCATION OF RELEASE

Unit Letter P	Section 3	Township 20S	Range 29E	Feet from the 400'	North/South Line South	Feet from the 150'	East/West Line East	County Eddy
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Latitude 32.5963232 Longitude -104.054806

NATURE OF RELEASE

Type of Release: Oil/produced water	Volume of Release: estimated 190 bbls total fluid	Volume Recovered: 180 bbls total fluid (100 bbl PW) (80 bbl Oil)
Source of Release: Heater Treater	Date and Hour of Occurrence 6-2-15	Date and Hour of Discovery 6-2-15 8:45 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jim Amos	
By Whom? Zack Thomas	Date and Hour 6-3-15 9:30 am	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*


Describe Cause of Problem and Remedial Action Taken.*

Lightning struck heater treater causing it to explode consequently draining all fluid. All wells associated with this battery were shut in.

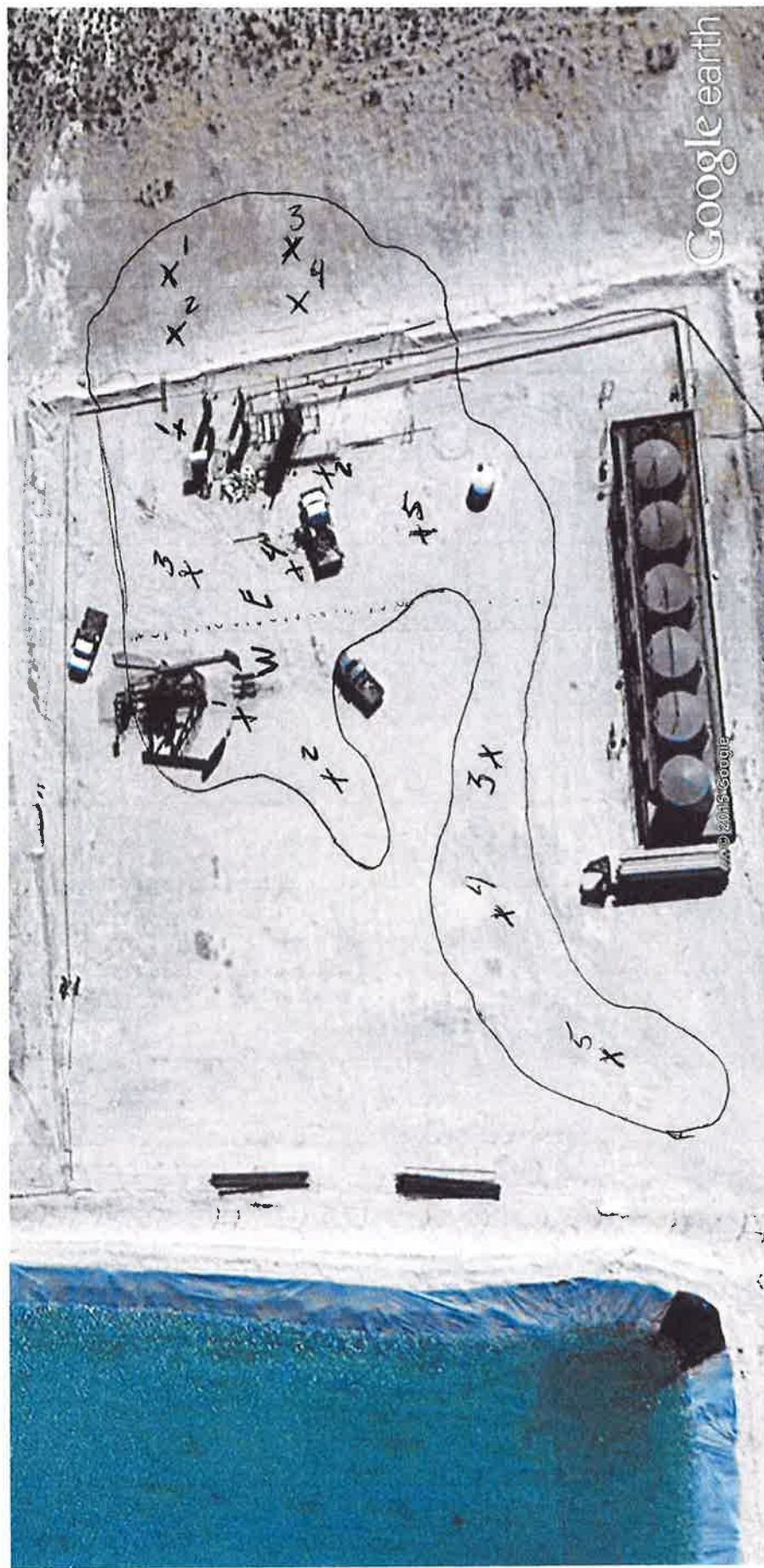
Describe Area Affected and Cleanup Action Taken.*

Affected area- the well pad surface was affected as well as an estimated 100 ft by 100 ft area of pasture east of the separation equipment. Vacuum truck was used to recover 180 bbls total fluid off the pad surface. No standing fluid off the pad. For all remediation activities reference Site Closure Plan dated October 7, 2015.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Zack Thomas	Approved by Environmental Specialist:		
Title: Environmental Rep.	Approval Date:	Expiration Date:	
E-mail Address: zthomas@mewbourne.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 10-7-15	Phone: 575-602-2188		

* Attach Additional Sheets If Necessary



Google earth

feet
meters

300
90



September 28, 2015

BRANDON PRICE

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: SHARPS FED #3

Enclosed are the results of analyses for samples received by the laboratory on 09/22/15 13:38.

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/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,



Caley 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:	09/22/2015	Sampling Date:	09/21/2015
Reported:	09/28/2015	Sampling Type:	Soil
Project Name:	SHARPS FED #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO, NM		

Sample ID: CONFIRMATION EAST (H502494-01)

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	09/24/2015	ND	2.01	100	2.00	0.972	
Toluene*	<0.050	0.050	09/24/2015	ND	1.72	86.1	2.00	2.19	
Ethylbenzene*	<0.050	0.050	09/24/2015	ND	1.62	80.8	2.00	3.25	
Total Xylenes*	<0.150	0.150	09/24/2015	ND	5.09	84.9	6.00	1.94	
Total BTEx	<0.300	0.300	09/24/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 106 % 85.6-137

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/23/2015	ND	432	108	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	<10.0	10.0	09/24/2015	ND	174	87.1	200	3.66	
DRO >C10-C28	<10.0	10.0	09/24/2015	ND	192	95.8	200	6.90	

Surrogate: 1-Chlorooctane 70.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 76.7 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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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:	09/22/2015	Sampling Date:	09/21/2015
Reported:	09/28/2015	Sampling Type:	Soil
Project Name:	SHARPS FED #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO, NM		

Sample ID: CONFIRMATION WEST (H502494-02)

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	09/24/2015	ND	2.01	100	2.00	0.972		
Toluene*	<0.050	0.050	09/24/2015	ND	1.72	86.1	2.00	2.19		
Ethylbenzene*	<0.050	0.050	09/24/2015	ND	1.62	80.8	2.00	3.25		
Total Xylenes*	<0.150	0.150	09/24/2015	ND	5.09	84.9	6.00	1.94		
Total BTEX	<0.300	0.300	09/24/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 85.6-137

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/23/2015	ND	432	108	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	<10.0	10.0	09/24/2015	ND	174	87.1	200	3.66	
DRO >C10-C28	<10.0	10.0	09/24/2015	ND	192	95.8	200	6.90	

Surrogate: 1-Chlorooctane 66.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 70.0 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey 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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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



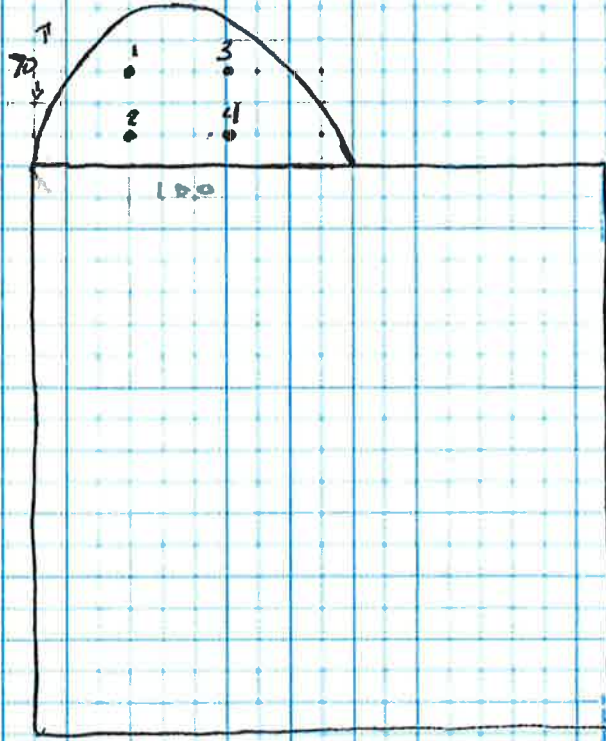
(575) 393-2326 FAX (575) 393-2476

* Cardinal cannot accept verbal changes. Please fax written changes to 505-393-8476

Diamondback Location Plat

Well/Facility Name: Sharps 3 Fed Cam #2H

Date: 7-29-15





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

July 07, 2015

BRANDON PRICE

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: SHARP 3

Enclosed are the results of analyses for samples received by the laboratory on 07/02/15 8:50.

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/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,

Hope S. Moreno For 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:	07/02/2015	Sampling Date:	06/30/2015
Reported:	07/07/2015	Sampling Type:	Soil
Project Name:	SHARP 3	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE OIL CO.		

Sample ID: #1 SURFACE (H501701-01)

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	07/06/2015	ND	2.16	108	2.00	0.912	
Toluene*	<0.050	0.050	07/06/2015	ND	1.95	97.3	2.00	0.964	
Ethylbenzene*	<0.050	0.050	07/06/2015	ND	1.86	93.1	2.00	0.401	
Total Xylenes*	<0.150	0.150	07/06/2015	ND	5.53	92.2	6.00	0.760	
Total BTX	<0.300	0.300	07/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 110 % 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	96.0	16.0	07/06/2015	ND	432	108	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	<10.0	10.0	07/06/2015	ND	200	99.9	200	1.48	
DRO >C10-C28	415	10.0	07/06/2015	ND	221	110	200	6.77	

Surrogate: 1-Chlorooctane 91.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 96.6 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Hope S. Moreno For 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: 07/02/2015
Reported: 07/07/2015
Project Name: SHARP 3
Project Number: NONE GIVEN
Project Location: MEWBOURNE OIL CO.

Sampling Date: 06/30/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: #1 6" BGS (H501701-02)
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	07/06/2015	ND	2.16	108	2.00	0.912	
Toluene*	<0.050	0.050	07/06/2015	ND	1.95	97.3	2.00	0.964	
Ethylbenzene*	<0.050	0.050	07/06/2015	ND	1.86	93.1	2.00	0.401	
Total Xylenes*	<0.150	0.150	07/06/2015	ND	5.53	92.2	6.00	0.760	
Total BTEX	<0.300	0.300	07/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 111 % 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	32.0	16.0	07/06/2015	ND	432	108	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	<10.0	10.0	07/06/2015	ND	200	99.9	200	1.48	
DRO >C10-C28	<10.0	10.0	07/06/2015	ND	221	110	200	6.77	

Surrogate: 1-Chlorooctane 92.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 93.6 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Hope S. Moreno For 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: 07/02/2015
Reported: 07/07/2015
Project Name: SHARP 3
Project Number: NONE GIVEN
Project Location: MEWBOURNE OIL CO.

Sampling Date: 06/30/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: #1 2FT BGS (H501701-03)
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	07/06/2015	ND	2.16	108	2.00	0.912	
Toluene*	<0.050	0.050	07/06/2015	ND	1.95	97.3	2.00	0.964	
Ethylbenzene*	<0.050	0.050	07/06/2015	ND	1.86	93.1	2.00	0.401	
Total Xylenes*	<0.150	0.150	07/06/2015	ND	5.53	92.2	6.00	0.760	
Total BTEX	<0.300	0.300	07/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 110 % 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	07/06/2015	ND	432	108	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	<10.0	10.0	07/06/2015	ND	200	99.9	200	1.48	
DRO >C10-C28	<10.0	10.0	07/06/2015	ND	221	110	200	6.77	

Surrogate: 1-Chlorooctane 92.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 92.2 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Hope S. Moreno For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/02/2015
Reported: 07/07/2015
Project Name: SHARP 3
Project Number: NONE GIVEN
Project Location: MEWBOURNE OIL CO.

Sampling Date: 06/30/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: #2 SURFACE (H501701-04)

BTEX 9021B

mg/kg

Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/06/2015	ND	2.16	108	2.00	0.912	
Toluene*	<0.050	0.050	07/06/2015	ND	1.95	97.3	2.00	0.964	
Ethylbenzene*	<0.050	0.050	07/06/2015	ND	1.86	93.1	2.00	0.401	
Total Xylenes*	<0.150	0.150	07/06/2015	ND	5.53	92.2	6.00	0.760	
Total BTEX	<0.300	0.300	07/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE

111 %

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	720	16.0	07/06/2015	ND	432	108	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	<10.0	10.0	07/06/2015	ND	200	99.9	200	1.48	
DRO >C10-C28	2020	10.0	07/06/2015	ND	221	110	200	6.77	

Surrogate: 1-Chlorooctane

91.2 %

47.2-157

Surrogate: 1-Chlorooctadecane

91.2 %

52.1-176

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Hope S. Moreno

Hope S. Moreno For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/02/2015	Sampling Date:	06/30/2015
Reported:	07/07/2015	Sampling Type:	Soil
Project Name:	SHARP 3	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE OIL CO.		

Sample ID: 2 6" BGS (H501701-05)

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	07/06/2015	ND	2.16	108	2.00	0.912	
Toluene*	<0.050	0.050	07/06/2015	ND	1.95	97.3	2.00	0.964	
Ethylbenzene*	<0.050	0.050	07/06/2015	ND	1.86	93.1	2.00	0.401	
Total Xylenes*	<0.150	0.150	07/06/2015	ND	5.53	92.2	6.00	0.760	
Total BTEX	<0.300	0.300	07/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 111 % 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	07/06/2015	ND	432	108	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	<10.0	10.0	07/06/2015	ND	200	99.9	200	1.48	
DRO >C10-C28	<10.0	10.0	07/06/2015	ND	221	110	200	6.77	

Surrogate: 1-Chlorooctane 92.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 95.7 % 52.1-176

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Hope S. Moreno For 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: 07/02/2015
Reported: 07/07/2015
Project Name: SHARP 3
Project Number: NONE GIVEN
Project Location: MEWBOURNE OIL CO.

Sampling Date: 06/30/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: 2 2FT BGS (H501701-06)
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	07/06/2015	ND	2.16	108	2.00	0.912	
Toluene*	<0.050	0.050	07/06/2015	ND	1.95	97.3	2.00	0.964	
Ethylbenzene*	<0.050	0.050	07/06/2015	ND	1.86	93.1	2.00	0.401	
Total Xylenes*	<0.150	0.150	07/06/2015	ND	5.53	92.2	6.00	0.760	
Total BTEX	<0.300	0.300	07/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	96.0	16.0	07/06/2015	ND	432	108	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	<10.0	10.0	07/06/2015	ND	200	99.9	200	1.48	
DRO >C10-C28	220	10.0	07/06/2015	ND	221	110	200	6.77	

Surrogate: 1-Chlorooctane 91.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 98.2 % 52.1-176

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

Received: 07/02/2015
Reported: 07/07/2015
Project Name: SHARP 3
Project Number: NONE GIVEN
Project Location: MEWBOURNE OIL CO.

Sampling Date: 06/30/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: 3 SURFACE (H501701-07)

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	07/06/2015	ND	2.16	108	2.00	0.912	
Toluene*	<0.050	0.050	07/06/2015	ND	1.95	97.3	2.00	0.964	
Ethylbenzene*	<0.050	0.050	07/06/2015	ND	1.86	93.1	2.00	0.401	
Total Xylenes*	<0.150	0.150	07/06/2015	ND	5.53	92.2	6.00	0.760	
Total BTX	<0.300	0.300	07/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 113 % 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	2480	16.0	07/06/2015	ND	432	108	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	07/06/2015	ND	200	99.9	200	1.48	
DRO >C10-C28	6510	50.0	07/06/2015	ND	221	110	200	6.77	

Surrogate: 1-Chlorooctane 96.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 171 % 52.1-176

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Analytical Results For:

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

Received: 07/02/2015
Reported: 07/07/2015
Project Name: SHARP 3
Project Number: NONE GIVEN
Project Location: MEWBOURNE OIL CO.

Sampling Date: 06/30/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: 3 6" BGS (H501701-08)

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	07/06/2015	ND	2.16	108	2.00	0.912	
Toluene*	<0.050	0.050	07/06/2015	ND	1.95	97.3	2.00	0.964	
Ethylbenzene*	<0.050	0.050	07/06/2015	ND	1.86	93.1	2.00	0.401	
Total Xylenes*	<0.150	0.150	07/06/2015	ND	5.53	92.2	6.00	0.760	
Total BTEX	<0.300	0.300	07/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 108 % 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	07/06/2015	ND	432	108	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	<10.0	10.0	07/06/2015	ND	200	99.9	200	1.48	
DRO >C10-C28	<10.0	10.0	07/06/2015	ND	221	110	200	6.77	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 98.5 % 52.1-176

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

Received: 07/02/2015
Reported: 07/07/2015
Project Name: SHARP 3
Project Number: NONE GIVEN
Project Location: MEWBOURNE OIL CO.

Sampling Date: 06/30/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: 3 2FT BGS (H501701-09)

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	07/06/2015	ND	2.16	108	2.00	0.912	
Toluene*	<0.050	0.050	07/06/2015	ND	1.95	97.3	2.00	0.964	
Ethylbenzene*	<0.050	0.050	07/06/2015	ND	1.86	93.1	2.00	0.401	
Total Xylenes*	<0.150	0.150	07/06/2015	ND	5.53	92.2	6.00	0.760	
Total BTEX	<0.300	0.300	07/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 111 % 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	07/06/2015	ND	432	108	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	<10.0	10.0	07/06/2015	ND	200	99.9	200	1.48	
DRO >C10-C28	<10.0	10.0	07/06/2015	ND	221	110	200	6.77	

Surrogate: 1-Chlorooctane 97.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 97.6 % 52.1-176

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Analytical Results For:

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

Received: 07/02/2015
Reported: 07/07/2015
Project Name: SHARP 3
Project Number: NONE GIVEN
Project Location: MEWBOURNE OIL CO.

Sampling Date: 06/30/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: #4 SURFACE (H501701-10)

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	07/06/2015	ND	2.16	108	2.00	0.912	
Toluene*	<0.050	0.050	07/06/2015	ND	1.95	97.3	2.00	0.964	
Ethylbenzene*	<0.050	0.050	07/06/2015	ND	1.86	93.1	2.00	0.401	
Total Xylenes*	<0.150	0.150	07/06/2015	ND	5.53	92.2	6.00	0.760	
Total BTEX	<0.300	0.300	07/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 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	1100	16.0	07/06/2015	ND	432	108	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	<10.0	10.0	07/06/2015	ND	200	99.9	200	1.48	
DRO >C10-C28	2760	10.0	07/06/2015	ND	221	110	200	6.77	

Surrogate: 1-Chlorooctane 94.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 52.1-176

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Analytical Results For:

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

Received: 07/02/2015
Reported: 07/07/2015
Project Name: SHARP 3
Project Number: NONE GIVEN
Project Location: MEWBOURNE OIL CO.

Sampling Date: 06/30/2015
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: #4 6" BGS (H501701-11)
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	07/06/2015	ND	2.16	108	2.00	0.912	
Toluene*	<0.050	0.050	07/06/2015	ND	1.95	97.3	2.00	0.964	
Ethylbenzene*	<0.050	0.050	07/06/2015	ND	1.86	93.1	2.00	0.401	
Total Xylenes*	<0.150	0.150	07/06/2015	ND	5.53	92.2	6.00	0.760	
Total BTEX	<0.300	0.300	07/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 111 % 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	07/06/2015	ND	432	108	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	<10.0	10.0	07/06/2015	ND	197	98.6	200	3.89	
DRO >C10-C28	<10.0	10.0	07/06/2015	ND	206	103	200	3.95	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 106 % 52.1-176

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Analytical Results For:

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

Received:	07/02/2015	Sampling Date:	06/30/2015
Reported:	07/07/2015	Sampling Type:	Soil
Project Name:	SHARP 3	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE OIL CO.		

Sample ID: #4 2FT BGS (H501701-12)
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	07/06/2015	ND	2.16	108	2.00	0.912	
Toluene*	<0.050	0.050	07/06/2015	ND	1.95	97.3	2.00	0.964	
Ethylbenzene*	<0.050	0.050	07/06/2015	ND	1.86	93.1	2.00	0.401	
Total Xylenes*	<0.150	0.150	07/06/2015	ND	5.53	92.2	6.00	0.760	
Total BTEX	<0.300	0.300	07/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 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
Chloride	<16.0	16.0	07/06/2015	ND	432	108	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	<10.0	10.0	07/06/2015	ND	197	98.6	200	3.89	
DRO >C10-C28	10.8	10.0	07/06/2015	ND	206	103	200	3.95	

Surrogate: 1-Chlorooctane 89.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 72.9 % 52.1-176

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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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* = Accredited Analyte

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Hope S. Moreno For Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

Company Name: Diamondback Drywall Serv Project Manager: Brandon Price Address: 2525 W County Rd City: Hobbs State: NM Zip: 88240 Phone #: 575-392-1996 Fax #: 575-392-9376 Project #: _____ Project Owner: _____		BILL TO P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Project Name: Sharps 3 Project Location: Newborn O.I. Co. Sampler Name: _____			
Lab I.D. #501701	Sample I.D. #1 Surface #1 6" BGS #1 24 BGS #2 Surface 2 64 BGS 2 24 BGS 3 Surface 3 64 BGS 3 24 BGS	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER ACID/BASE: ICE / COOL OTHER:	MATRIX PRESERV SAMPLING
DATE TIME 4/30		CL BTEX TPH	
Relinquished By: Bob Date: _____ Time: _____ Received By: Judy Garcia Date: 4/15/15 Time: 8:50		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: _____ REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool <input checked="" type="checkbox"/> Hot <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Leaked <input type="checkbox"/> Checked By: AB	

+ Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2626



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