HOBBS OCD

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

AUG 2 6 2014 Form C-141
Revised August 8, 2011

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

			Kele	ease Notific	ation	and Co	rrective A	ction					
						OPERA?	ror .		⊠ Initia	al Report		Final l	Report
Name of Co	mpany: C	onocoPhilli	os			Contact: Jol							
				ngton, NM 8820			No.: 575-391-31	58			-		
		Elvis Batter					e: Oil & Gas						
Surface Own	ner: Feder	ral		Mineral O	wner: 1	Federal			APINO	. 188612			
								•	1 25% 2 1	7. 700072			
Unit Letter	Section	Township	Range	LOCA Feet from the		OF REI	Feet from the	I Fact (1	Vest Line	County	 .		
Olik Letter	20	17	32	Leer Holli file	MOLUM	South Line	rect from the	Easuv	vest Line	Lea			İ
·				Ll				<u> </u>				·	
		I	atitude:	32 49° 21.54" N		_	gitude: 103 47°	26.052	" W			•	٠
		· · ·			URE	OF RELI							
		Oil & Produ				& ~473 bb	Release ~ 4 BBL is ProducedWat	er	bbis wate			oil & ~	398
Source of Rel	ease: Relea	se overflowed	l from top	of North West 50	0 bbl	i	lour of Occurrenc Inknown Time (Hour of Dis @ ~0730 H			
OH WILK						occurrence		,,	03/1//12	(f) -0/20 II	oui s		
Was Immedia	te Notice C	Given?			-	If YES, To			<u> </u>				-
		⊠	Yes [No Not Re	quired	Geoffrey L	eking NMOCD &	k Trishi	a Bad Bear	BLM	_		
By Whom? Jo							our: 05/17/13 @						
Was a Watero	ourse Reac		Yes 🗵] No		If YES, Vo	lume Impacting t	he Wate	ercourse.				l
If a Watercou	ree was Im					<u> </u>	<u> </u>				· · ·		
II a Watercou	ISC WOS IIII	pacted, Descri	oc rany.										
pumps went d remediated in Describe Area	nated from lown which accordance	top of produce subsequently with NMOC	ed water to caused ta D & BLM ction Tak	anks inside battery nks to overflow. N I guidelines.	1SO shu	ut in battery t	o stop additional	fluids fr	om being r	eleased. Spil	l site w	ill be	
				nately 2 BBLS of o							,		
regulations all public health should their o	operators or the environs he perations he ment. In a	are required to conment. The ave failed to a ddition, NMO	report an acceptanc dequately CD accep	is true and completed of the certain rese of a C-141 report investigate and retance of a C-141 r	icase no t by the mediate	otifications ar NMOCD ma contamination	id perform correct arked as "Final Roon that pose a threet the operator of r	tive acti eport" de eat to gr responsi	ons for rele oes not reli ound water bility for co	eases which eve the oper surface was empliance w	may en ator of ter, hun ith any	danger liability nan heal	·
Signature:	01	/ !./	· /	1			OIL CON	SERV	ATION	DIVISIO	<u>N</u>		
Orginature.	71-U	M W				Approved by	Environmental Sy	pecialist	•				į
Printed Name	John W. (Gates			.				<u> </u>			·····	
Title: LEAD I	ISE					Approval Dat	e: 8-16-14	I	Expiration I	Date: 1	9-2	9-14	
E-mail Addres	ss: John. !	W.Gates@d	conocop	ohillips.com		Conditions of	THE Smale ne	yai		Ausshad			
Date: 05/17/	13			Phone:575-391-		Qelu	ile Eredis	ouer	mpe	Attached			
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						C-141	64 10-20-	- 14		00	rid	2178	77

AUG 2 8 2014

7101929 038926 £ 10 1924 038452

Elvis Tank Battery

(Located in Section-20 Township 17S Range 32E)

Site Closure Plan

Presented to:

ConocoPhillips HC 60, Box 66 Lovington, NM 88260

Prepared By:

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

iumondTuck



DISPOSAL SERVICES, INC. P.O. Box 2491•Hobbs, NM 88241 Ph: (575) 392-9996•Fx: (575) 392-9376

August 21, 2014

Conoco Phillips HC 60 Box 66 Lovington, NM 88260

Re: Closure Report Elvis Tank Battery

Dear Mr. Wright,

Diamondback Disposal Services, Inc. (Diamondback) would like to take this time to thank you and Conoco Phillips 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 Elvis Tank Battery, to the best of its ability. No warranty, expressed or implied, is made or intended. The report was prepared for Conoco Phillips, which offices at 29 Vacuum Complex Lane, Lovington NM 88260 (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 Elvis Tank Battery. The site is located in Section 20, Township 17S, Range 32E in Lea County, New Mexico. Impacted areas are owned by Bureau of Land Management. Diamondback Disposal Services, Inc. (Diamondback) was contacted April 7, 2014 by Mr. Justin Wright, of Conoco Phillips Inc, to perform the remediation activities at the spill site. The remediation was performed according to a NMOCD approved work plan (produced by others), which is in general accordance with the New Mexico Oil Conservation Division (NMOCD) rules and regulations. The following sections present: an overview, remediation activities, and recommendations of all remediation work performed on site.

Overview

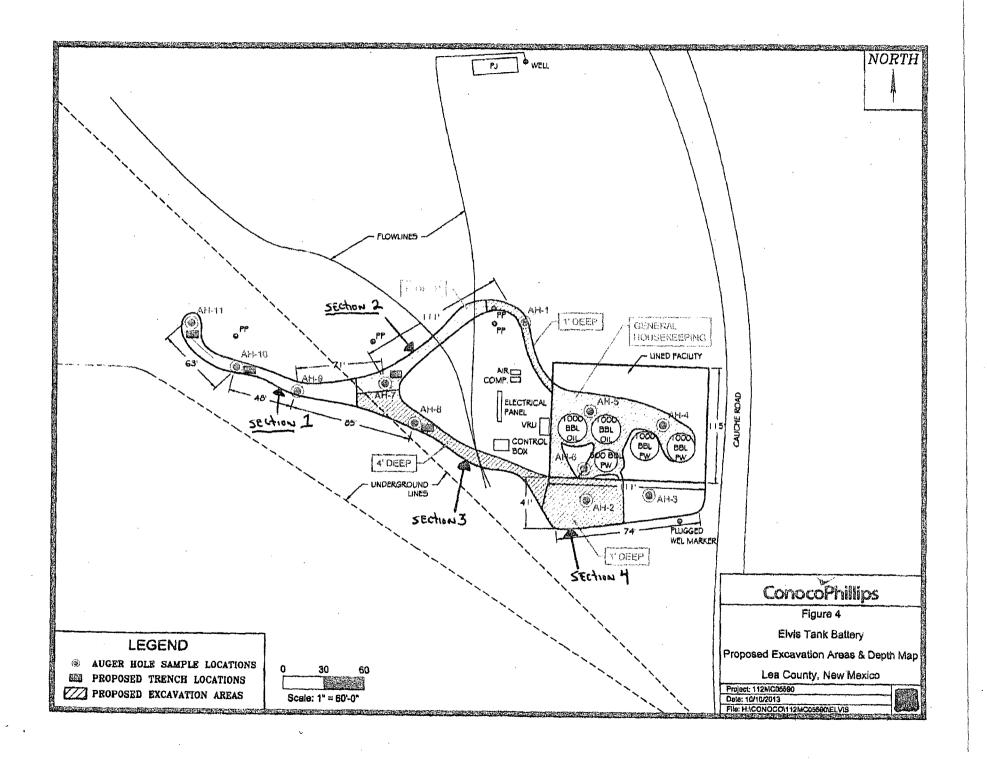
The spill site is located mostly on BLM land consisting of good grass, prairie, or range lands with a little ponding on COPC location. Transfer pumps went down in the battery causing approximately 473 bbls of produced water, and 4 bbls of oil to be lost, with approximately 398 bbls and 2bbls, respectively being recovered from the use of a vacuum truck. Approximately 4,721 square feet of BLM land was impacted. Based on the information reviewed at the State Engineers web site, there are not any wells in Section 20. The depth to groundwater in the area is estimated to be greater than 150' below ground surface (BGS), according to the NMOCD groundwater map. 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 contaminates of concern are mid to high-level concentrations of petroleum-based hydrocarbons and chlorides that were lost due to a leak in the well casing.

Remediation Activities

On April 14, 2014 Diamondback began excavating impacted areas defined by maps from NMOCD approved work plan. Approximately 1,284 cy of impacted soils were excavated and transported to R-360, NMOCD approved disposal facility. After approval by Dr. Tomas Oberding with NMOCD, Diamondback installed a HDPE liner cap in the extended battery area (see attached map section 4), and backfilled with clean fill. The batter floor was brought to grade and berms were re-constructed. On August 18, 2104 Diamondback collected composite samples of the walls and floors of all sections of excavation (see attached map). The samples were 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 contaminants shown to be left are well below acceptable limits for sites with ranking criteria of zero. Diamondback feels all guidelines for remediation of leaks and spills have been met. This being said we propose to backfill the excavated area with clean granular soil, contour, 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.





August 19, 2014

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: ELVIS TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/18/14 11:45.

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 https://www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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.

Celeg & Keene

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



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241

Fax To:

(575) 392-9376

Received:

08/18/2014

Sampling Date:

08/18/2014

Reported:

08/19/2014

Sampling Type:

Soil

Project Name:

ELVIS TANK BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

MALJAMAR, NM

Sample ID: SEC 1 S. WALL (H402521-01)

BTEX 8021B	mg/	kg	Analyze	d By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP			<u></u>	, 	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	08/18/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	
Surrogate: 1-Chlorooctane	90.5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	99.0	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241

Fax To:

(575) 392-9376

Received:

08/18/2014

Sampling Date:

08/18/2014

Reported:

08/19/2014

Sampling Type:

Soil

Project Name:

ELVIS TANK BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

MALJAMAR, NM

Sample ID: SEC 1 N. WALL (H402521-02)

BTEX 8021B	mg/	kg	Analyze	d By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	< 0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 %	% 89.4 - 12	5						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/18/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					······································
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	365	10.0	08/18/2014	ND	182	90.8	200	2.60	
Surrogate: 1-Chlorooctane	90.5	% 65.2-14	9						
Surrogate: 1-Chlorooctadecane	114 %	63.6-15	1						

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*=Accredited Analyte

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DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241

Fax To:

(575) 392-9376

Received: Reported: 08/18/2014

08/19/2014

ELVIS TANK BATTERY

Project Name: Project Number: Project Location:

MALJAMAR, NM

NONE GIVEN

Sampling Date:

08/18/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SEC 1 FLOOR (H402521-03)

BTEX 8021B	mg/	kg	Analyze	d By: ck		,			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					<u>.</u>
Surrogate: 4-Bromofluorobenzene (PIL	102 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP		<u>.</u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/18/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK			·	·	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	
Surrogate: 1-Chlorooctane	84.0 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	93.8 9	63.6-15	4						

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*=Accredited Analyte

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DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241

Fax To:

(575) 392-9376

Received:

08/18/2014

Sampling Date:

08/18/2014

Reported:

08/19/2014

Sampling Type:

Soil

Project Name:

ELVIS TANK BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

MALJAMAR, NM

Sample ID: SEC 2 S. WALL (H402521-04)

BTEX 8021B	mg,	/kg	Analyze	d By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101	% 89.4-12	6						
Chloride, SM4500CI-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	08/18/2014	ND	400	100	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: CK			, - ₁		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	

Surrogate:	1-Chlorooctane

96.8 %

65.2-140

Surrogate: 1-Chlorooctadecane

106 %

63.6-154

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DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241

Fax To:

(575) 392-9376

Received:

08/18/2014

Sampling Date:

08/18/2014

Reported:

08/19/2014

Sampling Type:

Soil

Project Name:

ELVIS TANK BATTERY

Cool & Intact

Project Number:

NONE GIVEN

Sampling Condition:

Project Location:

MALJAMAR, NM

Sample Received By:

Jodi Henson

Sample ID: SEC 2 N. WALL (H402521-05)

BTEX 8021B	mg/	kg	Analyze	d By: ck			w		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD -	Qualifier
Chloride	48.0	16.0	08/18/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	
Surrogate: 1-Chlorooctane	92.0 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	103 %	63.6-15	4						

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.*=Accredited Analyte

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DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241

Fax To:

(575) 392-9376

Received:

08/18/2014

Reported:

08/19/2014

Project Name:

ELVIS TANK BATTERY

Project Number: Project Location:

NONE GIVEN MALJAMAR, NM

Sampling Date:

08/18/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SEC 2 FLOOR (H402521-06)

BTEX 8021B	mg/	kg	Analyze	d By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	N D	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/18/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK				·	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	
Surrogate: 1-Chlorooctane	99.8	% 65.2-14	0		-1.1				
Surrogate: 1-Chlorooctadecane	106 9	63.6-15	4						

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*=Accredited Analyte

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Calay & Keena



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241

Fax To:

(575) 392-9376

Received:

08/18/2014

Sampling Date:

08/18/2014

Reported:

08/19/2014

Sampling Type:

Soil

Project Name:

ELVIS TANK BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

MALJAMAR, NM

Sample ID: SEC 3 N. WALL (H402521-07)

BTEX 8021B	mg/	kg	Analyze	d By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Anatyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/18/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	
Surrogate: 1-Chlorooctane	93.3 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	99.9 9	63.6-15	4						

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any other cause whatsoever shall be deemed waked unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for indidental or coresequential damages, claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS

P. O. BOX 2491 HOBBS NM, 88241

Fax To:

(575) 392-9376

Analyzed Rv. ck

Received:

08/18/2014

08/19/2014

Sampling Date:

08/18/2014

Reported:

Sampling Type:

Soil

Project Name:

ELVIS TANK BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

MALJAMAR, NM

Sample ID: SEC 3 S. WALL (H402521-08) BTFX 8021B

BIEX 80218	mg/	Kg	Analyze	a By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 9	6 89.4-120	5					•	
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/18/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	
Surrogate: 1-Chlorooctane	87.0 9	% 65.2-140)						,,,,,
Surrogate: 1-Chlorooctadecane	98.4 9	% 63.6-154	1						

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alex trees



DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241

Fax To:

(575) 392-9376

Received:

08/18/2014

Sampling Date:

08/18/2014

Reported:

08/19/2014

Sampling Type:

Soil

Project Name:

ELVIS TANK BATTERY

Cool & Intact

NONE GIVEN

Sampling Condition: Sample Received By:

Jodi Henson

Project Number: Project Location:

MALJAMAR, NM

Sample ID: SEC 3 FLOOR (H402521-09)

BTEX 8021B	mg/	kg	Analyze	d By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	rpd	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2,00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 9	89.4-12	6						
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	08/18/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Anatyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	
Surrogate: 1-Chlorooctane	92.2	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	103 9	63.6-15	4						

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DIAMONDBACK DISPOSAL SERVICE INC. JUSTIN ROBERTS P. O. BOX 2491 HOBBS NM, 88241

Fax To:

(575) 392-9376

Received:

08/18/2014

Sampling Date:

08/18/2014

Reported:

Sampling Type:

Soil

08/19/2014

Cool & Intact

Project Name:

ELVIS TANK BATTERY

Sampling Condition: Sample Received By:

Jodi Henson

Project Number: Project Location: NONE GIVEN MALJAMAR, NM

Sample ID: SEC 4 FLOOR (H402521-10)

BTEX 8021B	mg/l	kg	Analyze	d By: ck					
Analyte	Result	Reporting Limit	Anatyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/l	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	08/18/2014	ND	400	100	400	0.00	
TPH 8015M	mg/l	(g	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	
Surrogate: 1-Chlorooctane	88.9 %	6 65.2-14	0					- 500	
Surrogate: 1-Chlorooctadecane	98.0 %	63.6-15	4						

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Celego Kenne



Notes and Definitions

NU	Alaryte NOT DETECTED at Grabove 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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Celeg & Keine



RUSH!!

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(576) 393-2326 FAX (575) 393-2476																			
Company Name:) Among bar 1) 1205 at					BILL TO					ANALYSIS REQUEST									
Project Manager: Custin Roberts					P.O. #:													- 1	
					Company:						1						1		
city: 17776 State: ALM Zip: 88740					Attn:												-	- {	
					Address:														
Project #: Project Owner: COPC					City:											.	1	1	
Project #: Project Owner: COPC Project Name: Fluis TANK BATTERY Project Location: MAIJAMA C Sampler Name: Justin Robert					State: Zip:														
Project Locatio	n: MAJJAMAR				Phone #:														
Sampler Name:	JUSTIN REDERTT				Fax #:]	\	İ	1						1	
FOR LAB USE ONLY			MATE	IX	PR	ESERV	SAMPL	ING	17	0									
Lab I.D. H40252	Sample I.D.	(G)RAB OR (C)OMF	GROUNDWATER WASTEWATER \$SOIL	SLUDGE	OTHER: ACID/BASE:	ICE / COOL OTHER	DATE	TIME		218	10								·
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PLEASE NOTE: Latitive	10 SEC 4 Floor Statisty and Damages. Cardenal's keptley, and cleants excitiacy or remedy for any clean straining whether based in contract or tort, shall be limited to the uncount paid by the clean for the																		
all highes. All distincts including those for negligence and any other cause whatsoever shall be deemed waived unless made in witing and received by Condimit witin 30 days after comprision of the applicable																			

service, in no event shall Continue be fable for incidental or consequental damages, inclusive which firstation, business interruptions, loss of use, or uses of profits incident in substitutions.

Relinquished/By: /	Date; p , U Received By:	Phone Result: Yes No Add'l Phone #:
hob//	A TO A DO A DO A	Fax Result:
1 /1/2/1 /1/	Amay: 45 Chill July	REMARKS:
Relinquished by:	Date: Reselved By:	11-00 1101
	V V	damondback 24912
	Time:	Man william
Delivered By: (Circle One)	Sample Condition CHECKED BY:	yanoo.com
	1 70 Cool Intact (Initials)	gario. a.
Sampler - UPS - Bus - Other:	T. C. Treating	
Sumplet of S Sus - Strict,	No H No	

[†] Cardinal cannot accept verbal changes. Please fax written changes to (675) 393-2926