## State of New Mexico Energy Minerals and Natural Resources

1220 South St. Francis Dr.

HOBBS OCD

Form C-141 Revised August 8, 2011

AUG 06 2014 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

RECEIVED

## <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III Oil Conservation Division 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505

			Rele	ease Notific	eation	and Co	rrective A	ction				•
						OPERAT	OR		Initial	Report	X F	inal Report
Name of Co		Oxy Permia		7.60213		Contact Chancey Summers						
Address 1 Facility Nan		tanolind Rd, era 35 Feder		NM 88240		Telephone N Facility Typ				<del></del> -		
						гасицу Тур	e wen locatio	)II				
Surface Ow	ner			Mineral C	)wner			AP	I No.	30-025-41	1083	
				LOCA	TION	OF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/West L	ine	County		
D	35	_26S	34E	400	1	North	329	West		Lea County,	NM	
			I	Latitude <u>N 32.0</u>	0601°	Longitu	de <u>W 103,4482</u> 0	<u>)°</u>				
				NAT	'URE	OF RELI						
Type of Relea	ase Oil					Volume of 50 bbls	Release	Volu 30 bl		covered		
Source of Rel	ease Fra	c tank overflo	w				our of Occurrence			our of Disco	very	
Was Immedia	ite Notice (		Yes 🗌	No 🔲 Not Re	equired	If YES, To Geoffrey L	Whom? eking-NMOCD; J	ennifer Van (	Curen-	BLM		
By Whom?	Chancey S						our 11/12/13 @					
Was a Watero	ourse Reac	hed?	Yes 🏻	No		If YES, Volume Impacting the Watercourse.						
Describe Caus	se of Proble	em and Remed	lial Actior	ı Taken.*								
A frac tank ov	verflowed c	ausing 50 bbl	s of oil to	leak onto the grou	ınd. 301	bbls of oil we	re recovered via v	/acuum truck,				
Describe Area	Affected a	and Cleanup A	ction Tak	en.*	<del> </del>							
				ocation. Remedia approved by Jeni						an approved	by Geo	offrey
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.												
						OIL CONS	ERVATION	<u>DN D</u>	DIVISION	1		
Signature:							<b>.</b>			ļ		
Printed Name: Chancey Summers				A	Approved by	Environmental Sp	ecialist:			,, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		
Title: HES	Advisor				A	Approval Date	e: 8-7-19	Expirat	ion Da	ate:		-
E-mail Address: Chancey.Summers@oxy.com				c	Conditions of Approval:		]					
Date:	7-31-1	9	Phone:	(575) 397-821	6					IRP-3	21	7
Attach Addit	ional Shee	ts If Necess	rv – –		_							🕳 . –

ogrid 16896

# **Closure Report**

	Site Description	HOBES OCC
Site Name:	Madera 35 Federal #1H	
Company:	Oxy Permian Ltd.	AUG 0 6 2014
Legal Description:	U/L D, Section 35, T26S, R34E	
County:	Lea County, NM	DECEMEN
GPS Coordinates:	N 32.00601° W 103.44820°	RECEIVED

Release Data				
Date of Release:	11/12/2013			
Type of Release:	Oil			
Source of Release:	Frac tank overflow			
Volume of Release:	50 bbls			
Volume Recovered:	30 bbls			

Remediation Specifications						
Remediation Parameters:	Excavate to a depth of 2.5 feet in the area of SP1. Excavate to a depth of 1.5 feet in the area of SP2. Surface scrape the areas of SP3, SP4, and SP5. Backfill the excavated areas with clean soil.					
Remediation Activities:	06/26/2014 and 07/23/2014					

Plan Sent to OCD:	02/24/2014	Email from Cliff Brunson to Geoffrey Leking
OCD Approval of Plan:	02/26/2014	Email from Geoffrey Leking to Cliff Brunson
Plan Sent to BLM:	02/24/2014	Email from Cliff Brunson to J. Van Curen
BLM Approval of Plan:	02/24/2014	Email from J. Van Curen to Cliff Brunson

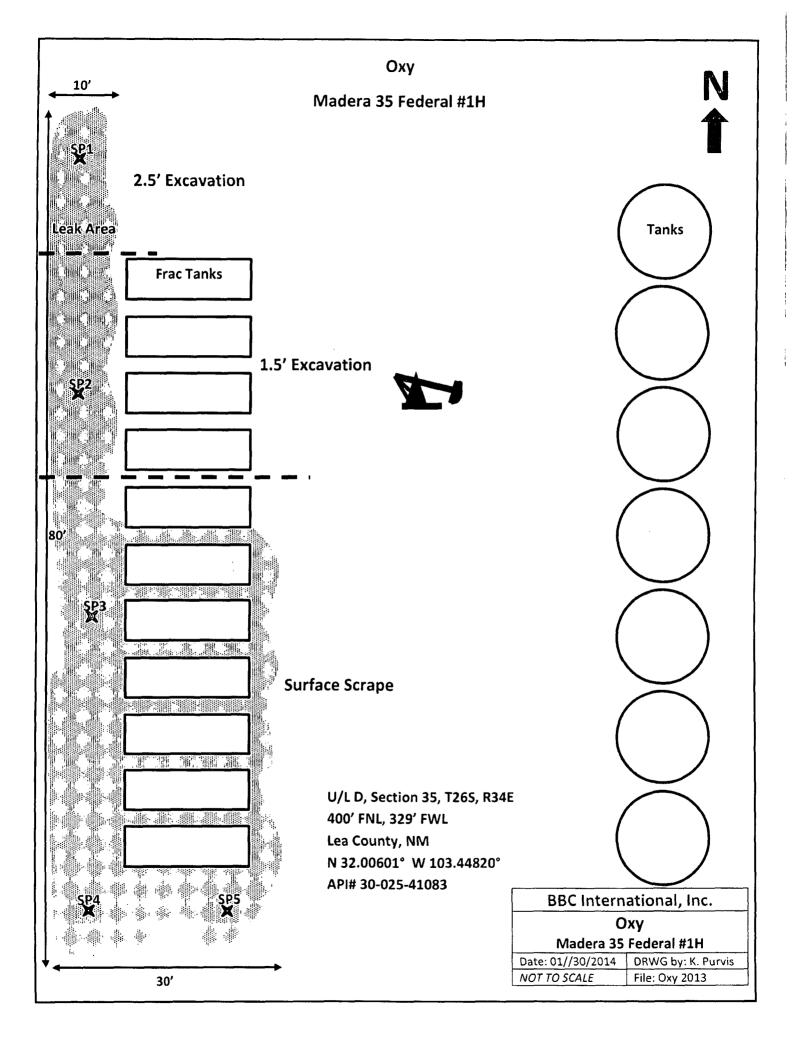
Supporting Documentation				
Initial C-141	Signed 11/25/2013			
Final C-141	Signed 07/31/2014			
Site Diagram	January 2014			
Groundwater Plot	125'			
TOPO Maps	January 2014			
Lab Summary	01/27/2014			
Lab Analysis	01/27/2014			
Correspondence	Request and approval of remediation plan via email			

## Request for Closure

Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD.

Cliff Brunson, President of BBC International Inc.

08/04/2014



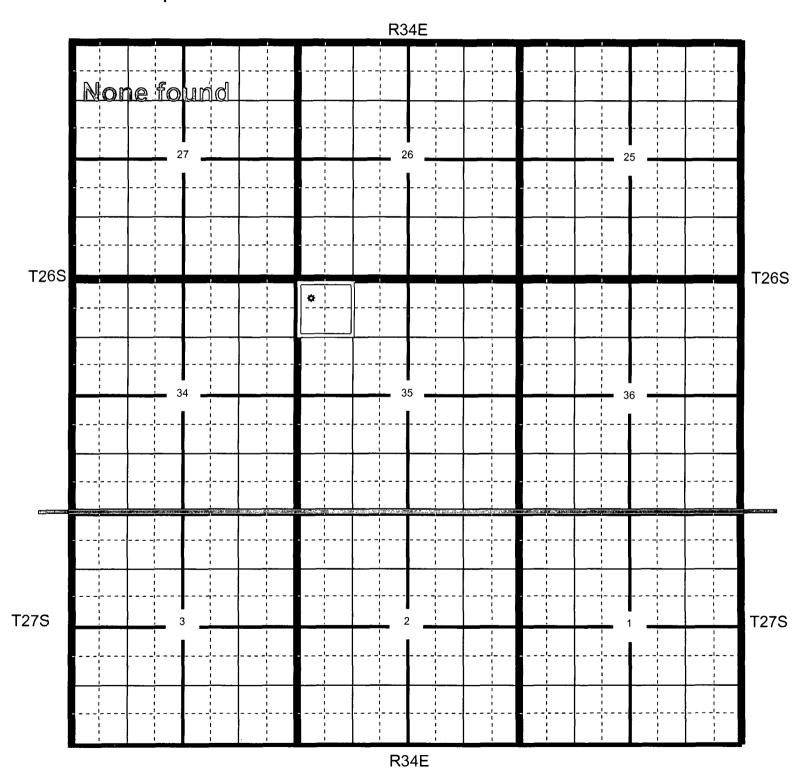


## **Groundwater Plot**

## Oxy Madera 35 Federal #1H

CountyUnit LetterSectionTownshipRangeLeaD3526S34E

Trend Map 125'



**♦** Location

o OCD

**OUSGS** 

OSEO

All Databases



## Section Quarters

## Oxy Madera 35 Federal #1H

County Lea Unit Letter

Section 35 Township 26S Range 34E

Trend Map 125'

1

2

NW/NW	NE/NW	NW∤NE	NE/NE
*		None found	 
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NEISW	NW/SE	NEÆSE
Unit Letter L	¦ Unit Letter K	Unit Letter J	Unit Letter I
SW/SW	SE/SW	SW/SE	SE/SE
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

3

4

**♣** Location

o OCD

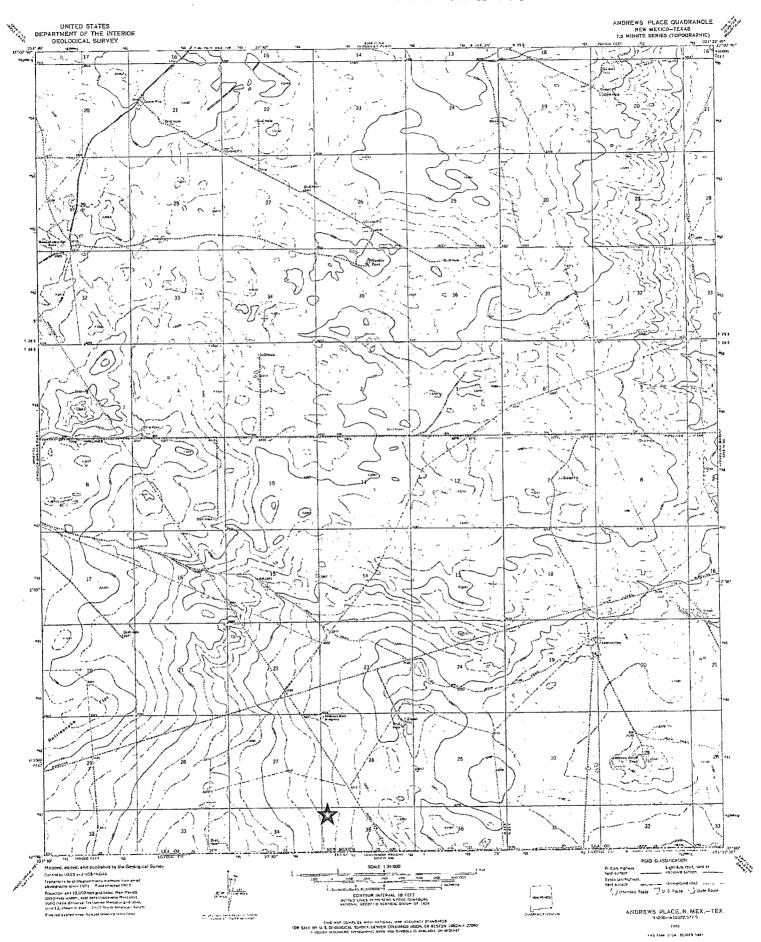
OUSGS

O SEO

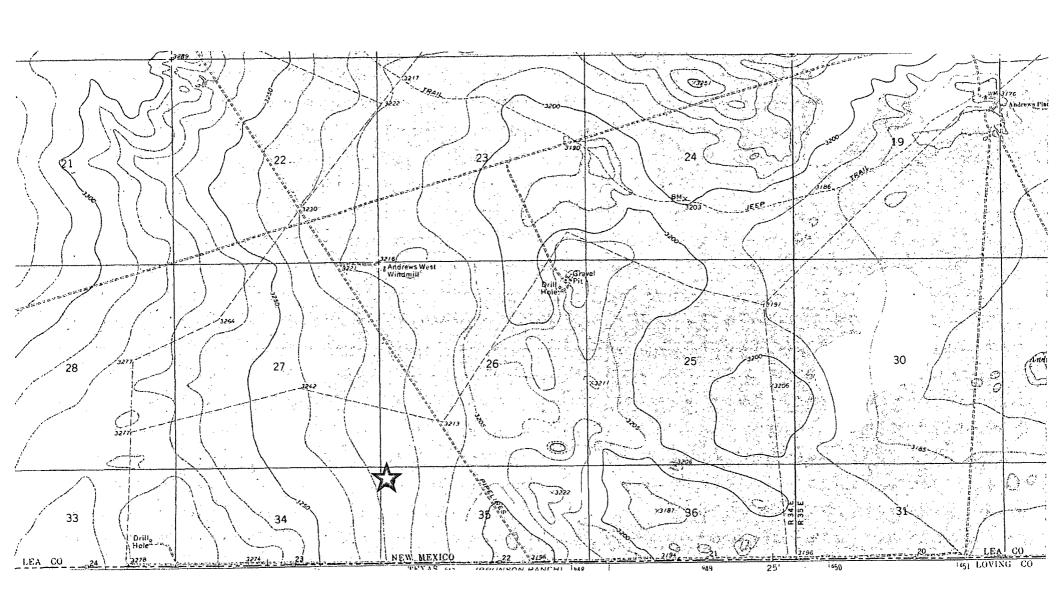
All Databases

Oxy

## Madera 35 Federal #1H



Oxy Madera 35 Federal #1H



## Laboratory Analytical Results Summary Madera 35-1

		Sample	SP1 @ SURFACE	SP1 @ 2'	SP1 @ 4'
Analyte	Method	Date	1/27/14	1/27/14	1/27/14
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<2.00	<2.00	<0.050
Toluene	BTEX 8021B		10.3	6.02	<0.050
Ethylbenzene	BTEX 8021B		15.7	7	<0.050
Total Xylenes	BTEX 8021B		92.7	37.2	<0.150
Total BTEX	BTEX 8021B		119	50.3	< 0.300
Chloride	SM4500CI-B		N/A	N/A	64
GRO	TPH 8015M		3330	1630	<10.0
DRO	TPH 8015M		9980	4800	13.7

		Sample	SP2 @ 1	SP2 @ 2'
Analyte	Method	Date	1/27/14	1/27/14
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<5.00	<0.050
Toluene	BTEX 8021B		31.8	<0.050
Ethylbenzene	BTEX 8021B		19.3	<0.050
Total Xylenes	BTEX 8021B		133	,0.150
Total BTEX	BTEX 8021B		184	<0.300
Chloride	SM4500CI-B		N/A	64
GRO	TPH 8015M		4280	<10.0
DRO	TPH 8015M		9280	14.7

		Sample	SP3 @ 1	SP3 @ 2'
Analyte	Method	Date	1/27/14	1/27/14
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		,0.150	,0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500CI-B		80	48
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0

	•	Sample	SP4 @ 1
Analyte	Method	Date	1/27/14
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		,0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		48
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

		Sample	SP5 @ 1	SP5 @ 2'
Analyte	Method	Date_	1/27/14	1/27/14
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		,0.150	,0.150
Total BTEX	BTEX 8021B		<0.300	< 0.300
Chloride	SM4500CI-B		N/A	32
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0



February 07, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MADERA 35-1

Enclosed are the results of analyses for samples received by the laboratory on 01/30/14 15:07.

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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> 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 & Keine

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



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

01/30/2014

Reported:

02/07/2014 MADERA 35-1

Project Name: Project Number: NONE GIVEN

Project Location:

62/180 MM 72

Sampling Date:

01/27/2014

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

## Sample ID: SP1 @ SURFACE (H400306-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	02/05/2014	ND	2.54	127	2.00	0.915	
Toluene*	10.3	2.00	02/05/2014	ND	2.49	125	2.00	0.516	
Ethylbenzene*	15.7	2.00	02/05/2014	ND	2.49	124	2.00	0.462	
Total Xylenes*	92.7	6.00	02/05/2014	ND	7.18	120	6.00	0.427	
Total BTEX	119	12.0	02/05/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	172	% 89.4-12	6		-				
TPH 8015M	mg	/kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3330	10.0	02/01/2014	ND	214	107	200	2.00	
DRO >C10-C28	9980	10.0	02/01/2014	ND	214	107	200	2.09	
Surrogate: 1-Chlorooctane	262	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	226	% 63.6-15	4						

\*=Accredited Analyte Cardinal Laboratories

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Celeg & Keine



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received:

01/30/2014

Reported:

02/07/2014

Project Name: Project Number: MADERA 35-1 NONE GIVEN

Project Location:

62/180 MM 72

Sampling Date:

Sampling Type:

01/27/2014

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: SP1 @ 2 FT (H400306-02)

BTEX 8021B	mg,	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	02/05/2014	ND	2.54	127	2.00	0.915	
Toluene*	6.02	2.00	02/05/2014	ND	2.49	125	2.00	0.516	
Ethylbenzene*	7.00	2.00	02/05/2014	ND	2.49	124	2.00	0.462	
Total Xylenes*	37.2	6.00	02/05/2014	ND .	7.18	120	6.00	0.427	
Total BTEX	50.3	12.0	02/05/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIE	132	% 89.4-12	6						
TPH 8015M	mg,	kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1630	10.0	02/03/2014	ND	215	107	200	4.28	
DRO >C10-C28	4800	10.0	02/03/2014	ND	210	105	200	2.91	
Surrogate: 1-Chlorooctane	179	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	163	% 63.6-15	4						

Cardinal Laboratories \*=Accredited Analyte

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Celey & Kuna



BBC International, Inc.

Cliff Brunson

P.O. Box 805

Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

01/30/2014

Sampling Date:

01/27/2014

Reported:

02/07/2014

Sampling Type:

Soil

Project Name:

MADERA 35-1 NONE GIVEN Sampling Condition:

Cool & Intact

Project Number: Project Location:

62/180 MM 72

Sample Received By:

Jodi Henson

Sample ID: SP1 @ 4 FT (H400306-03)

В	TEX	80	21B	

5, 5	mg/kg

#### Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2014	ND	2.54	127	2.00	0.915	
Toluene*	<0.050	0.050	02/06/2014	ND	2.49	125	2.00	0.516	
Ethylbenzene*	<0.050	0.050	02/06/2014	ND	2.49	124	2.00	0.462	
Total Xylenes*	<0.150	0.150	02/06/2014	ND	7.18	120	6.00	0.427	
Total BTEX	<0.300	0.300	02/06/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	115 9	% 89.4-12	6						
Chloride, SM4500CI-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	02/07/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/04/2014	ND	215	107	200	4.28	

Surrogate: 1-Chlorooctane

99.9 %

65.2-140

Surrogate: 1-Chlorooctadecane

95.1%

63.6-154

Cardinal Laboratories \*=Accredited Analyte

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BBC International, Inc. Cliff Brunson P.O. Box 805

Hobbs NM, 88241

Fax To:

(575) 397-0397

Received: Reported: 01/30/2014

02/07/2014

Project Name: Project Number: MADERA 35-1 NONE GIVEN

Project Location:

62/180 MM 72

Sampling Date:

01/27/2014

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: SP2 @ 1 FT (H400306-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	02/06/2014	ND	2.54	127	2.00	0.915	
Toluene*	31.8	5.00	02/06/2014	ND	2.49	125	2.00	0.516	
Ethylbenzene*	19.3	5.00	02/06/2014	ND	2.49	124	2.00	0.462	
Total Xylenes*	133	15.0	02/06/2014	ND	7.18	120	6.00	0.427	
Total BTEX	184	30.0	02/06/2014	ND					
Surrogate: 4-Bromofluorohenzene (PIE	132 9	6 89.4-12	6						
TPH 8015M	mg/	kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	4280	10.0	02/03/2014	ND	215	107	200	4.28	
DRO >C10-C28	9280	10.0	02/03/2014	ND	210	105	200	2.91	
Surrogate: 1-Chlorooctane	426 %	6 65.2-14	0						
Surrogate: 1-Chlorooctadecane	407 %	63.6-15	4						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

(575) 397-0397 Fax To:

Received:

01/30/2014

Sampling Date:

01/27/2014

Reported:

02/07/2014

Sampling Type:

Soil

Project Name:

MADERA 35-1 NONE GIVEN

Sampling Condition:

Cool & Intact

Project Number: Project Location:

62/180 MM 72

Sample Received By:

Jodi Henson

## Sample ID: SP2 @ 2 FT (H400306-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2014	ND	2.54	127	2.00	0.915	
Toluene*	<0.050	0.050	02/06/2014	ND	2.49	125	2.00	0.516	
Ethylbenzene*	<0.050	0.050	02/06/2014	ND	2.49	124	2.00	0.462	
Total Xylenes*	<0.150	0.150	02/06/2014	ND	7.18	120	6.00	0.427	
Total BTEX	<0.300	0.300	02/06/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	115 %	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	64.0	16.0	02/07/2014	ND	416	104	400	0.00	
ТРН 8015М	mg/	kg	Analyze	đ By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/04/2014	ND	215	107	200	4.28	
DRO >C10-C28	14.7	10.0	02/04/2014	ND	210	105	200	2.91	
Surrogate: 1-Chlorooctane	79.6	% 65.2-14	0	.,,					
Surrogate: 1-Chlorooctadecane	78.6	% 63.6-15	4						

Cardinal Laboratories \*=Accredited Analyte

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Celey & Keene



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received:

01/30/2014

Reported: Project Name: 02/07/2014

Project Name: Project Number: MADERA 35-1 NONE GIVEN

Project Location:

62/180 MM 72

Sampling Date:

01/27/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

## Sample ID: SP3 @ 1 FT (H400306-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2014	ND	2.54	127	2.00	0.915	
Toluene*	<0.050	0.050	02/06/2014	ND	2.49	125	2.00	0.516	
Ethylbenzene*	<0.050	0.050	02/06/2014	ND	2.49	124	2.00	0.462	
Total Xylenes*	< 0.150	0.150	02/06/2014	ND	7.18	120	6.00	0.427	
Total BTEX	<0.300	0.300	02/06/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	115 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/07/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms		_			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/03/2014	ND	215	107	200	4.28	
DRO >C10-C28	<10.0	10.0	02/03/2014	ND	210	105	200	2.91	
Surrogate: 1-Chlorooctane	94.5 %	65.2-14	o						
Surrogate: 1-Chlorooctadecane	93.5 9	63.6-15	4						

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\*=Accredited Analyte

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Celey D. Keine



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received:

01/30/2014

Reported:

02/07/2014

Project Name: Project Number: Project Location: MADERA 35-1 NONE GIVEN 62/180 MM 72

Sampling Date:

01/27/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP3 @ 2 FT (H400306-07)

BTEX	8021	В
------	------	---

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2014	ND	2.54	127	2.00	0.915	
Toluene*	< 0.050	0.050	02/06/2014	ND	2.49	125	2.00	0.516	
Ethylbenzene*	<0.050	0.050	02/06/2014	ND	2,49	124	2.00	0.462	
Total Xylenes*	<0.150	0.150	02/06/2014	ND	7.18	120	6.00	0.427	
Total BTEX	<0.300	0.300	02/06/2014	ND					
Surrogate: 4-Bromofluorobenze	ne (PIE 116 !	% 89.4-12	6					, , , , , , , , , , , , , , , , , , ,	
our oguic. I stomografio obonze	,	02.772	•						

Chloride, SM4500CI-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	02/06/2014	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/03/2014	ND	215	107	200	4.28	
DRO >C10-C28	<10.0	10.0	02/03/2014	ND	210	105	200	2.91	

Surrogate: 1-Chlorooctane

98.4 %

65.2-140

Surrogate: 1-Chlorooctadecane

100 %

63.6-154

Cardinal Laboratories \*=Accredited Analyte

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Celey & Keine



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received:

01/30/2014

Reported: Project Name: 02/07/2014

Project Number:

MADERA 35-1 NONE GIVEN

Project Location:

62/180 MM 72

Sampling Date:

01/27/2014

Sampling Type:

Sampling Condition:

Soil

Sample Received By:

Cool & Intact Jodi Henson

## Sample ID: SP4 @ 1 FT (H400306-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2014	ND	2.54	127	2.00	0.915	
Toluene*	< 0.050	0.050	02/06/2014	ND	2.49	125	2.00	0.516	
Ethylbenzene*	<0.050	0.050	02/06/2014	ND	2.49	124	2.00	0.462	
Total Xylenes*	<0.150	0.150	02/06/2014	ND	7.18	120	6.00	0.427	
Total BTEX	<0.300	0.300	02/06/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	115 %	6 89.4-12	16						
Chloride, SM4500CI-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	02/06/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms		-			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/03/2014	ND	215	107	200	4.28	
DRO >C10-C28	<10.0	10.0	02/03/2014	ND	210	105	200	2.91	
Surrogate: 1-Chlorooctane	99.7 9	65.2-14	0					-	·
Surrogate: 1-Chlorooctadecane	101 %	63.6-15	4						

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\*=Accredited Analyte

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Celeg & Keene



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received: Reported: 01/30/2014

02/07/2014

Project Name:

MADERA 35-1 NONE GIVEN

Sampling Date:

01/27/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Project Number: Project Location:

62/180 MM 72

Sample ID: SP5 @ 1 FT (H400306-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2014	ND	2.42	121	2.00	1.65	
Toluene*	<0.050	0.050	02/06/2014	ND	2.37	119	2.00	1.64	
Ethylbenzene*	<0.050	0.050	02/06/2014	ND	2.38	119	2.00	1.10	
Total Xylenes*	<0.150	0.150	02/06/2014	ND	6.89	115	6.00	0.798	
Total BTEX	<0.300	0.300	02/06/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	1149	% 89.4-12	?6						
трн 8015М	mg/	kg	Analyze	d By: ms		···			
Analyte	Result	Reporting Limit	. Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/03/2014	ND	215	107	200	4.28	
DRO >C10-C28	<10.0	10.0	02/03/2014	ND	210	105	200	2.91	
Surrogate: 1-Chlorooctane	90.6	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	92.6	% 63.6-15	i4						

\*=Accredited Analyte Cardinal Laboratories

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Celey D. Keene



BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

01/30/2014

Reported:

02/07/2014

Project Name:

MADERA 35-1 NONE GIVEN

Project Number: Project Location:

62/180 MM 72

Sampling Date:

01/27/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

## Sample ID: SP5 @ 2 FT (H400306-10)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2014	ND	2.42	121	2.00	1.65	
Toluene*	<0.050	0.050	02/06/2014	ND	2.37	119	2.00	1.64	
Ethylbenzene*	<0.050	0.050	02/06/2014	ND	2.38	119	2.00	1.10	
Total Xylenes*	<0.150	0.150	02/06/2014	ND	6.89	115	6.00	0.798	
Total BTEX	<0.300	0.300	02/06/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIE	1169	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/06/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/03/2014	ND	215	107	200	4.28	
DRO >C10-C28	<10.0	10.0	02/03/2014	ND	210	105	200	2.91	
Surrogate: 1-Chlorooctane	98.4 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	98.49	63.6-15	4						

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Celeg D. Kune



#### **Notes and Definitions**

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or

greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance

limits.

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 & Keene

1 -1



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(505) 393-2326 FAX (505) 393-247	U																			
Company Name	BBC International, Inc.					0.00	BIL	4 70		1			Α	NAL'	YSIS	RE	QUES	ST_			
Project Manage	r: Cliff Brunson				P.O																
Address: P.O.	Box 805				Cor	npany	<u>/:</u>						l						- 1	]	
city: Hobbs	State: NM	Zip	: 8	8241	Attr	1:	$\leq$	1					ļ	1	}	1	1			l	
Phone #: 575-	397-6388 Fax #: 575	-397	7-03	397	Add	lress:		HM					1	ł	- 1		1		Ì	- 1	į
Project #:	Project Owner	: C	2x	У	City	:		'/Vl-	Ε						Í	Í	1	. [	- 1	į	
Project Name:	Nadera 35-1				Sta	te:		Zip:											1	- 1	
Project Location	n:62/80 MN 72				Pho	ne #:							1	1					}	l	1
Sampler Name:	Corn Rad				Fax	#:							- }	- }	-		1		1	Ì	-
FOR LAB USE ONLY				MATRIX		PRESE	RV.	SAMPLI	NG						ł	ł	1		ł	- 1	
Lab I.D. Н <u>41</u> 0306	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER:	ACID/BASE: ICE / COOL	OTHER:	DATE	TIME	467	3TEX	CL-									
1	Spl (a) Surface	G				$\bot X$		1/27/4	1:30	X	X			_							
2	Sp (Q) 2f	G	_			<u> </u>	11	1/27/14	2:00	X	X										
3	810 4A	(2				$\_X$		1/27/4	240	X	X	X			]_						
4	802 W 1A	9				_  }		1/27/14	3:15	X	X_			_							
	\$12 @ 2A \$13 @ TA	12	_			X	1	1/27/17	3:30	X	X	$X_{\perp}$		[_							
		19				X		1/27/14	10.20	X	X	X		_	.						
7	\$300 24	6			{	$\perp \!\!\! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	┦	1/27/14	10:35	X	14	X		_							
\$	Ma H	Ó						11911	11:23	X	X	1			.						
	50500 1Ct	6				-K		1227	1:40	X	K,	~~		-							
PLEASE NOTE: Lightin a	505 @ 2 fd nd Damages. Cardinel's (abbility and client's exclusive remedy for a	D Chair	n arisir	No whether based in contract	or tors	shall be	imiled	n the amount pair	by the client for	the	IX	$ \Delta $				<u></u>					
and the same of th		,			_,			pon	,												

True Act Collect Leading and participates. Calciums is soluting and cuerin excusiver remesty or any solution instruging winevers or covered or total, shall be determed where the control of the control

Relinquished By:   Date: , , ,   Received By:	Phone Result: 🛛 Yes 🔲 No   Add'l Phone #:
Relinquished By: Date: 1/9/14 Received By:	A. Fax Result: □ Yes □ No Add'i Fax #:
Comp Ling 50 Jennifer Col	REMARKS:
Relinquished By: Date 2011 Redeived By:	
$10^{\circ}$	\mathred{O}_{1}
Janufer Gelkey 3:07 Well Stell	1070
Delivered By: (Circle One) Sample Condition	нержерву:
Sampler - UPS - Bus - Other: Cool Intact Pes Pyes	Initials
Jampier - GF3 - Bus - Other.	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2478



## **Kathy Purvis**

From: Leking, Geoffrey R, EMNRD < GeoffreyR.Leking@state.nm.us>

Sent: Wednesday, February 26, 2014 3:24 PM

**To:** Cliff P. Brunson

C: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis

Subject: RE: OXY-Madera 35 Federal #1H-Remediation Plan

Cliff

Per your submittal and our conversation of 2/21/14, the path forward provided in the email below is approved. Thank you.

Geoffrey Leking Environmental Specialist NMOCD-Hobbs 1625 N. French Drive Hobbs, NM 88240

Office: (575) 393-6161 Ext. 113

Cell: (575) 399-2990

email: geoffreyr.leking@state.nm.us

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]

**Sent:** Monday, February 24, 2014 10:02 AM

To: Leking, Geoffrey R, EMNRD

**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis **Subject:** OXY-Madera 35 Federal #1H-Remediation Plan

Geoff,

This e-mail is to confirm our conversation on February 21, 2014 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As discussed, Oxy will excavate to a depth of 2.5 feet in the area of SP1 as depicted on the site diagram, then in the area of SP2, the excavation will be 1.5 feet deep, and finally, the rest of the spill area (SP3, SP4, SP5) will be surface scraped. The area will then be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated. If you have any questions, please let us know.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
Fax: (575) 397-0397

E-Mail: cbrunson@bbcinternational.com

## **Kathy Purvis**

From: Van Curen, Jennifer < jvancure@blm.gov> Sent:

Monday, February 24, 2014 10:09 AM

To: Cliff P. Brunson

Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis

Subject: Re: OXY-Madera 35 Fed #1H-Remediation Plan

CJ,

This plan is approved.

IR is planned 80' on west, 50' on north, and 30' on east. If this has not been completed, I would like to address it at same time. Thanks.

JENNIFER E VAN CUREN **ENVIRONMENTAL PROTECTION SPECIALIST** DOI-BLM-CARLSBAD FIELD OFFICE 320 E GREENE ST. CARLSBAD, NM 88220 OFFICE- 575-234-5905 CELL - 575-361-0042 FAX - 575-234-5927

On Mon, Feb 24, 2014 at 9:57 AM, Cliff P. Brunson <cbrunson@bbcinternational.com> wrote: Jennifer.

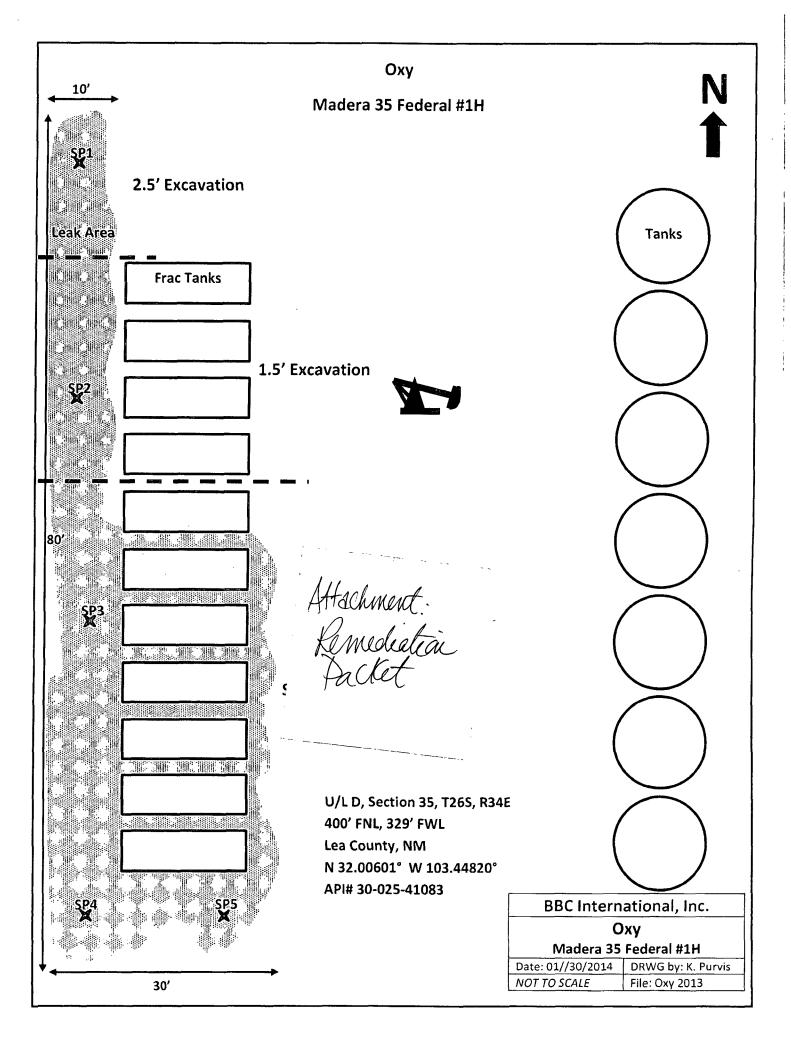
This e-mail is to request the BLM's approval for the following remediation plan for the above referenced site. I have attached the materials that pertain to the site and the plan. This plan has already been approved by Geoff Leking of the NMOCD. Oxy will excavate to a depth of 2.5 feet in the area of SP1 as depicted on the site diagram, then in the area of SP2, the excavation will be 1.5 feet deep, and finally, the rest of the spill area (SP3, SP4, SP5) will be surface scraped. The area will then be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated. If you have any questions, please let us know.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS President BBC International, inc. World-Wide Environmental Specialists Mailing Address: P. O. Box 805 Hobbs, NM 88241-0805 USA Shipping Address: 1324 W. Marland St. Hobbs, NM 88240 USA Phone: (575) 397-6388 Fax: (575) 397-0397

E-Mail: cbrunson@bbcinternational.com \*\*\*\*\*\*\*\*





## Groundwater Plot

## Oxy Madera 35 Federal #1H

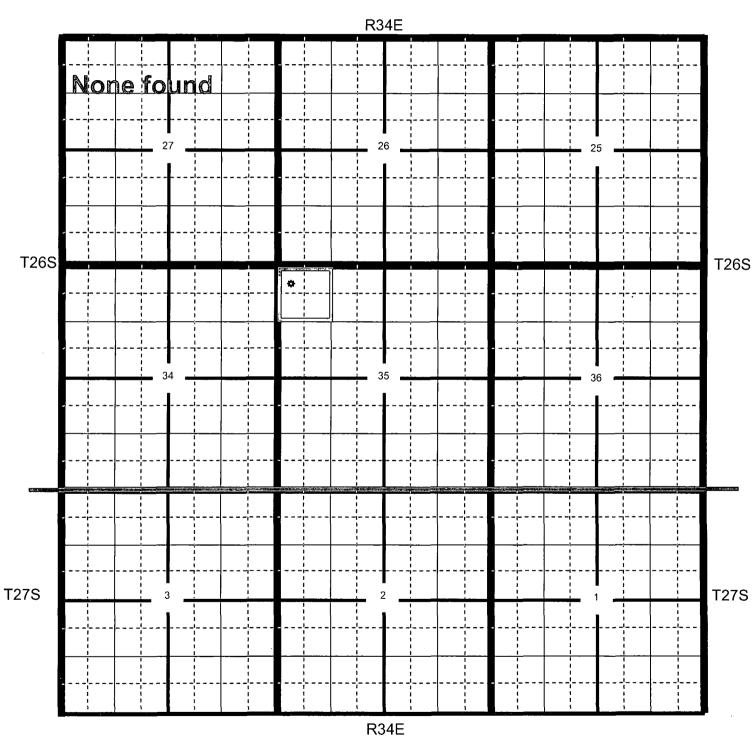
County Lea Unit Letter

Section 35

Township 26S Range 34E

Trend Map

125'



**☆** Location

O OCD

ousgs

OSEO

All Databases



## Section Quarters

## Oxy Madera 35 Federal #1H

County Lea *Unit Letter* D

Section 35 Township 26S Range 34E

Trend Map 125'

1

2

NW/NW	NE/NW	NW/NE	NEINE
<b>★</b>		None found	£  f  N  f  f  f  f  f  f  f  f  f  f  f
Unit Letter D	Unit Letter C SE/NW	Unit Letter B SW/NE	Unit Letter A SE/NE
Unit Lefter E NW/SW	Unit Letter F NE/SW	Unit Letter G NW/SE	Unit Letter H NE/SE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SW/SW	SE/SW	SW/SE	SE/SE
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

3

4

**♣** Location

o OCD

OUSGS

O SEO

All Databases

## Laboratory Analytical Results Summary Madera 35-1

		Sample	SP1 @ SURFACE	SP1 @ 2'	SP1 @ 4'
Analyte	Method	Date	1/27/14	1/27/14	1/27/14
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<2.00	<2.00	<0.050
Toluene	BTEX 8021B		10.3	6.02	<0.050
Ethylbenzene	BTEX 8021B		15.7	7	<0.050
Total Xylenes	BTEX 8021B		92.7	37.2	<0.150
Total BTEX	BTEX 8021B		119	50.3	< 0.300
Chloride	SM4500CI-B		N/A	N/A_	64
GRO	TPH 8015M		3330	1630	<10.0
DRO	TPH 8015M		9980	4800	13.7

		Sample	SP2 @ 1	SP2 @ 2'
Analyte	Method	Date	1/27/14	1/27/14
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<5.00	<0.050
Toluene	BTEX 8021B		31.8	<0.050
Ethylbenzene	BTEX 8021B		19.3	<0.050
Total Xylenes	BTEX 8021B		133	,0.150
Total BTEX	BTEX 8021B		184	<0.300
Chloride	SM4500CI-B		N/A	64
GRO	TPH 8015M		4280	<10.0
DRO	TPH 8015M		9280	14.7

_		Sample	SP3 @ 1	SP3 @ 2'
Analyte	Method	Date	1/27/14	1/27/14
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		,0.150	,0.150
Total BTEX	BTEX 8021B		<0.300	< 0.300
Chloride	SM4500CI-B		80	48
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0

		Sample	SP4 @ 1
Analyte	Method	Date	1/27/14
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		< 0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		,0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		48
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

		Sample	SP5 @ 1	SP5 @ 2'
Analyte	Method	Date	1/27/14	1/27/14
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		,0.150	,0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500CI-B		N/A	32
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0



February 07, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MADERA 35-1

Enclosed are the results of analyses for samples received by the laboratory on 01/30/14 15:07.

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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> 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.

Celey & Keens

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



BBC International, Inc. Cliff Brunson

P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received:

01/30/2014

Reported: Project Name: 02/07/2014 MADERA 35-1

Project Number:

NONE GIVEN

Project Location:

62/180 MM 72

Sampling Date:

01/27/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

### Sample ID: SP1 @ SURFACE (H400306-01)

BTEX 8021B	mg.	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	02/05/2014	ND	2.54	127	2.00	0.915	
Toluene*	10.3	2.00	02/05/2014	ND	2.49	125	2.00	0.516	
Ethylbenzene*	15.7	2.00	02/05/2014	ND	2.49	124	2.00	0.462	
Total Xylenes*	92.7	6.00	02/05/2014	ND	7.18	120	6.00	0.427	
Total BTEX	119	12.0	02/05/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	172	% 89.4-12	6						
TPH 8015M	mg,	/kg	Analyze	d By: ms			, 		S-04
 Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3330	10.0	02/01/2014	ND	214	107	200	2.00	
DRO >C10-C28	9980	10.0	02/01/2014	ND	214	107	200	2.09	
Surrogate: 1-Chlorooctane	262	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	226	% 63.6-15	4						

Cardinal Laboratories

\*=Accredited Analyte

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Celeg & Keine



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

o: (575) 397-0397

Received:

01/30/2014

Reported: Project Name: 02/07/2014 MADERA 35-1 NONE GIVEN

Project Number: Project Location:

62/180 MM 72

Sampling Date:

01/27/2014

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

## Sample ID: SP1 @ 2 FT (H400306-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	02/05/2014	ND	2.54	127	2.00	0.915	
Toluene*	6.02	2.00	02/05/2014	ND	2.49	125	2.00	0.516	
Ethylbenzene*	7.00	2.00	02/05/2014	ND	2.49	124	2.00	0.462	
Total Xylenes*	37.2	6.00	02/05/2014	ND	7.18	120	6.00	0.427	
Total BTEX	50.3	12.0	02/05/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIE	132	% 89.4-12	6						
TPH 8015M	mg,	/kg	Analyze	d By: ms					S-04
Analyte -	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1630	10.0	02/03/2014	ND	215	107	200	4.28	
DRO >C10-C28	4800	10.0	02/03/2014	ND	210	105	200	2.91	
Surrogate: 1-Chlorooctane	179	% 65.2-14	0			· · · · · · · · · · · · · · · · · · ·			<del>-</del>
Surrogate: 1-Chlorooctadecane	163	% 63.6-15	4						

Cardinal Laboratories \*=Accredited Analyte

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BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

01/30/2014

Reported: Project Name: 02/07/2014 MADERA 35-1

Project Number: Project Location: NONE GIVEN 62/180 MM 72 Sampling Date:

01/27/2014 Soil

Sampling Type:

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

#### Sample ID: SP1 @ 4 FT (H400306-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2014	ND	2.54	127	2.00	0.915	
Toluene*	<0.050	0.050	02/06/2014	ND	2.49	125	2.00	0.516	
Ethylbenzene*	<0.050	0.050	02/06/2014	ND	2.49	124	2.00	0.462	
Total Xylenes*	<0.150	0.150	02/06/2014	ND	7.18	120	6.00	0.427	
Total BTEX	<0.300	0.300	02/06/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	115 %	6 89.4-12	6			_			
Chloride, SM4500CI-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	02/07/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/04/2014	ND	215	107	200	4.28	
DRO >C10-C28	13.7	10.0	02/04/2014	ND	210	105	200	2.91	
Surrogate: 1-Chlorooctane	99.9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	95.1	% 63.6-15	4						

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Celeg & Keena



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received: Reported: 01/30/2014

02/07/2014

Project Name: Project Number: MADERA 35-1 NONE GIVEN

Project Location:

62/180 MM 72

Sampling Date:

ny Date.

01/27/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

## Sample ID: SP2 @ 1 FT (H400306-04)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	02/06/2014	ND	2.54	127	2.00	0.915	
Toluene*	31.8	5.00	02/06/2014	ND	2.49	125	2.00	0.516	
Ethylbenzene*	19.3	5.00	02/06/2014	ND	2.49	124	2.00	0.462	
Total Xylenes*	133	15.0	02/06/2014	ND	7.18	120	6.00	0.427	
Total BTEX	184	30.0	02/06/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIE	132	% 89.4-12	6						
ТРН 8015М	mg,	/kg	Analyze	d By: ms					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	4280	10.0	02/03/2014	ND	215	107	200	4.28	
DRO >C10-C28	9280	10.0	02/03/2014	ND	210	105	200	2.91	
Surrogate: 1-Chlorooctane	426	% 65.2-14	0					-	
Surrogate: 1-Chlorooctadecane	407	% 63.6-15	4						

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BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

01/30/2014 02/07/2014 Sampling Date:

01/27/2014

Reported:

Sampling Type:

Soil

Project Name: Project Number: MADERA 35-1 NONE GIVEN

Sampling Condition: Sample Received By: Cool & Intact Jodi Henson

Project Location:

62/180 MM 72

78.6 %

63.6-154

Sample ID: SP2 @ 2 FT (H400306-05)

BTEX	8021B
------	-------

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2014	ND	2.54	127	2.00	0.915	
Toluene*	<0.050	0.050	02/06/2014	ND	2.49	125	2.00	0.516	
Ethylbenzene*	<0.050	0.050	02/06/2014	ND	2.49	124	2.00	0.462	
Total Xylenes*	<0.150	0.150	02/06/2014	ND	7.18	120	6.00	0.427	
Total BTEX	<0.300	0.300	02/06/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	115	% 89.4-12	6			,			
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					<del>.</del>
Analyte	Result _	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/07/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/04/2014	ND	215	107	200	4.28	
DRO >C10-C28	14.7	10.0	02/04/2014	ND	210	105	200	2.91	
Surrogate: 1-Chlorooctane	79.6	% 65.2-14	0						

## Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

\*=Accredited Analyte

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Celey D. Keine



BBC International, Inc. Cliff Brunson P.O. Box 805

Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

01/30/2014

Sampling Date:

01/27/2014

Reported:

02/07/2014 MADERA 35-1

Sampling Type:

Soil

Project Name: Project Number: NONE GIVEN

Sampling Condition: Sample Received By: Cool & Intact Jodi Henson

Qualifier

Project Location:

62/180 MM 72

Sample ID: SP3 @ 1 FT (H400306-06)

BTEX 8021B	mg/kg		Analyze	d By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD
Benzene*	<0.050	0.050	02/06/2014	ND	2.54	127	2.00	0.915

Toluene\* < 0.050 0.050 02/06/2014 ND 2.49 125 2.00 0.516 Ethylbenzene\* < 0.050 0.050 02/06/2014 ND 2.49 124 2.00 0.462 Total Xylenes\* < 0.150 0.150 02/06/2014 ND 7.18 120 6.00 0.427 Total BTEX < 0.300 0.300 02/06/2014 ND

Surrogate: 4-Bromofluorobenzene (PIL	115	% 89.4-12	6						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/07/2014	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/03/2014	ND	215	107	200	4.28	
DRO >C10-C28	<10.0	10.0	02/03/2014	ND	210	105	200	2.91	

Surrogate: 1-Chlorooctane

94.5 %

65.2-140

Surrogate: 1-Chlorooctadecane

93.5 %

63.6-154

Cardinal Laboratories \*=Accredited Analyte

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Celegit Keene

Celey D. Keene, Lab Director/Quality Manager

Page 7 of 13



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: Reported:

**BTEX 8021B** 

Total BTEX

01/30/2014 02/07/2014 MADERA 35-1

Sampling Date: Sampling Type: Sampling Condit 01/27/2014 Soil

Project Name: Project Number: MADERA 35-1 NONE GIVEN 62/180 MM 72

mg/kg

Sampling Condition: Sample Received By: Cool & Intact Jodi Henson

Project Location:

Sample ID: SP3 @ 2 FT (H400306-07)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	02/06/2014	ND	2.54	127	2.00	0.915	
Toluene*	<0.050	0.050	02/06/2014	ND	2.49	125	2.00	0.516	
Ethylbenzene*	<0.050	0.050	02/06/2014	ND	2.49	124	2.00	0.462	
Total Xylenes*	< 0.150	0.150	02/06/2014	ND	7.18	120	6.00	0.427	

02/06/2014

ND

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL

116%

< 0.300

89.4-126

0.300

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	02/06/2014	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/03/2014	ND	215	107	200	4.28	
DRO >C10-C28	<10.0	10.0	02/03/2014	ND	210	105	200	2.91	

Surrogate: 1-Chlorooctane

98.4 %

65.2-140

Surrogate: 1-Chlorooctadecane

100 %

63.6-154

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received:

01/30/2014

Sampling Date:

01/27/2014

Reported:

02/07/2014

Sampling Type:

Soil

Project Name:

MADERA 35-1

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

62/180 MM 72

Sample ID: SP4 @ 1 FT (H400306-08)

<b>BTEX</b>	8021	B
-------------	------	---

3	mg/kg	g A	inalyzed By: M
			_

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2014	ND	2.54	127	2.00	0.915	
Toluene*	<0.050	0.050	02/06/2014	ND	2.49	125	2.00	0.516	
Ethylbenzene*	< 0.050	0.050	02/06/2014	ND	2.49	124	2.00	0.462	
Total Xylenes*	<0.150	0.150	02/06/2014	ND	7.18	120	6.00	0.427	
Total BTEX	<0.300	0.300	02/06/2014	ND					
Surrogate: 4-Bromofluorobenzene (	PIC 115 9	% 89.4-12	6						

Chloride, SM4500CI-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	02/06/2014	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/03/2014	ND	215	107	200	4.28	

ND

210

105

200

2.91

02/03/2014

99.7 % Surrogate: 1-Chlorooctane 101%

65.2-140

Surrogate: 1-Chlorooctadecane

DRO >C10-C28

63.6-154

10.0

<10.0

\*=Accredited Analyte Cardinal Laboratories

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Celey D. Keine



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received: Reported: 01/30/2014

02/07/2014

Project Name: Project Number: MADERA 35-1 NONE GIVEN

Project Location:

62/180 MM 72

Sampling Date:

Sampling Date:

01/27/2014

Sampling Type: Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: SP5 @ 1 FT (H400306-09)

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	02/06/2014	ND	2.42	121	2.00	1.65	
Toluene*	<0.050	0.050	02/06/2014	ND	2.37	119	2.00	1.64	
Ethylbenzene*	<0.050	0.050	02/06/2014	ND	2.38	119	2.00	1.10	
Total Xylenes*	<0.150	0.150	02/06/2014	ND	6.89	115	6.00	0.798	
Total BTEX	< 0.300	0.300	02/06/2014	ND					

TOU COLEM	ma/ka		
Surrogate: 4-Bromofluorobenzene (PIL	114%	89.4-126	

mg,	kg	Analyze	d By: ms					
Result	Reporting Limit	· Analyzed	. Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	02/03/2014	ND	215	107	200	4.28	
<10.0	10.0	02/03/2014	ND	210	105	200	2.91	
	Result	<10.0 10.0	Result Reporting Limit Analyzed <10.0 10.0 02/03/2014 <10.0 10.0 02/03/2014	Result Reporting Limit Analyzed Method Blank <10.0 10.0 02/03/2014 ND	Result         Reporting Limit         Analyzed         Method Blank         BS           <10.0	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery           <10.0	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC           <10.0	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           <10.0

Surrogate: 1-Chlorooctane

90.6 %

65.2-140

Surrogate: 1-Chlorooctadecane

92.6 %

63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celeg & Keene



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

01/30/2014

Sampling Date:

01/27/2014

Reported:

02/07/2014

Sampling Type:

Soil

Project Name:

MADERA 35-1 NONE GIVEN

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Project Location:

62/180 MM 72

Jodi Henson

## Sample ID: SP5 @ 2 FT (H400306-10)

BTEX 8021B	mg/	kg	Analyze	d By: MS		<u>.</u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2014	ND	2.42	121	2.00	1.65	
Toluene*	<0.050 0.050		02/06/2014	ND	2.37	119	2.00	1.64	
Ethylbenzene*	<0.050 0.050		02/06/2014	ND	2.38	119	2.00	1.10	
Total Xylenes*	ylenes* <0.150 0.150		02/06/2014	ND	6.89	115	6.00	0.798	
Total BTEX	<0.300	0.300	02/06/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	1169	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg .	Analyze	d By: AP			<b>-</b>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<b>32.0</b> 16.0		02/06/2014 ND		416	104	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	02/03/2014	ND	215	107	200	4.28	
DRO >C10-C28	<10.0 10.0		02/03/2014	ND	210	105	200	2.91	
Surrogate: 1-Chlorooctane	98.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	98.4	% 63.6-15	4						

\*=Accredited Analyte Cardinal Laboratories

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Celey L. Keene



#### **Notes and Definitions**

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or

greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance

limits.

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

Cardinal Laboratories

\*=Accredited Analyte

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Celey & Kune

1 -1 1



## **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

	(505) 393-2326 FAX (505) 393-247	<u> </u>																		
Company Name	BBC International, Inc.				BILL TO						Α	NAL'	YSIS	REC	QUES	ST				
Project Manager: Cliff Brunson				P.O. #:																
Address: P.O.	Box 805				Co	mpany:							• }				1	-		1
city: Hobbs	State: NM	Zip:	88	3241	Att	tn: 🤇	1						ł	1	ł		ł			-
Phone #: 575-3	397-6388 Fax #: 575-	397	-03	97	Ad	dress!	AM						ł		- {	- 1		ł		
Project #:	Project Owner	: O	$\langle x \rangle$		Cit	ty:	'	Γ					ĺ	- 1	- 1		. ]	1		1
Project Name: /	Nodera 35-1		,		Sta	ate:	Zip:		1 1			1			}	1	, }	- 1		
Project Location	:62/80 MM72				Ph	one #:						1	- 1		}	1	l	l	1	l
Sampler Name:	Corn Pad				Fa	x #:						1	- 1		į	ł		l		1
FOR LAB USE ONLY			-	MATRIX		PRESERV.	SAMPLI	NG				- 1	- 1		- 1	- 1		1		1
Lab I.D. НЦ <i>ОЗОВ</i>	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL	отнек:	ACID/BASE: ICE / COOL OTHER :	DATE	TIME	TIPH	<b>STEX</b>	CT-									
1	Spl (a) Surface	G	_ .	X			1/27/4	1:30	X	X		_								
2	\$1(Q) 2f	G	_ .				1/77/4	2:00	X	X										
	\$10 9A	(2)	_ .				1/27/14	240	X	X	X		-							
	12 Q 1A	2	_ -				1/27/14	3.15	<del> </del>	$\triangle$										
5	\$120 2A \$30 IH	2	-	$+$ $\aleph$ $+$			1/2/17	10.20	X	X										
9	513 @ 2A	0					1/2/117 1/2/14	10:35	B	$\Rightarrow$	X									
8	州面供	0				1	12-11-1	11:23	$\hat{\chi}$	X	Ź									
9	505@ 1C+	Ğ	- -		-		1/24/19	1:40	X	X	-1		_							
10	565@ 2ft	6					1/27/14	2:10	×	X	X									
PLEASE NOTE: Liability at	d Damages. Cardinal's liability and client's exclusive remedy for a	ny daim	arising	whether based in contract	or tor	n, shall be limited	to the amount par	d by the client fo	r the		,									

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim sating whether based in contract or tort, shall be finded to the amotiant past by the client for the analysis and a claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days affect completion of the explicable service. In no event shalf Cardinal be fiable for incidental or consequential damages, including without kinstation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

		Cardinal, regardless of whether such claim is based upon any of the above stated f	easons of otherwise.			
Relinquished By:	Date: 1/29/14	Received By:	Phone Result:	☐ Yes	□ No	Add'l Phone #:
Γ΄ 'Λ	1/29/14	1 ( ) 0 00	Fax Result:	☐ Yes	□ No	Add'l Fax #:
الماللا بالمسترا	Time	Lennifer Calkey	REMARKS:			
Cours Krad	1 3.50		.]			
Relinquished By:	Opte 2mlil	Received By:	1			
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$()$ $\lambda \rho_{\lambda} \tilde{\rho} \tilde{\rho} \rho_{\lambda}$	Time:	I WIRY . MENLYYY	ł			
younger billing	上つ・0	TO GOVE	.[			
Pelivered By: (Circle One)		Sample Condition CHECKED BY:	ł			
		Cool Intact Initials	1			
Sampler - UPS - Bus - Other:	1.	· G Pres Pres	<b>[</b>			
		· C C No No V	<u> </u>			

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2478



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

Form C-141 Revised August 8, 2011 Submit 1 Copy to appropriate District Office in

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

			Rele	ease Notific	catior	and Co	rrective A	ction						
						OPERA?	ΓOR	🛛 Initi	ial Report	Final Report				
Name of Co		Oxy Permia		11.4.002.40		Contact Chancey Summers								
Address Facility Nat		tanolind Rd,		NM 88240		Telephone N								
Facility Nai	ne Mad	era 35 Feder	al #1Fi			Facility Typ	e Well locati	on						
Surface Ow	ner			Mineral C	Owner			API No	o. 30-025-410	83				
				_LOCA	ATION	OF REI	LEASE							
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/West Line	County					
D	35	26S	34E	400	1	North	329	West	Lea County, N	M				
			1	Latitude <u>N 32.0</u>	00601°	Longitu	de <u>W 103.4482</u>	<u>0°</u>						
				NAT	TURE	OF RELI								
Type of Rele	ase Oil					Volume of 50 bbls	Release	Volume 30 bbls	Recovered					
Source of Re	case Fra	tank overtlo	w			Date and H 11/12/13	our of Occurrenc	e Date and	Hour of Discove	ry				
Was Immedia	ite Notice C		Yes 🗀	No Not Re	equired	If YES, To Geoffrey L		Jennifer Van Cure	n- BLM	:				
By Whom?						Date and Hour 11/12/13 @ 3:00 pm								
Was a Water	course Reac	hed?	Yes 🛚	No		If YES, Volume Impacting the Watercourse.								
Describe Cau A frac tank o			•	n Taken.* leak onto the grou	und. 30	bbls of oil we	re recovered via	vacuum truck.						
Describe Are		·					. 1.			NU (OCD I				
the BLM.	area is appro	oximately 100	Y X 5° ON I	ocation. Remedi	ation wil	ii be complete	ed in accordance	with a remediation	i pian approved t	IV NMOCD and				
regulations al public health should their o	l operators a or the envir perations ha ment. In ad	are required to onment. The ave failed to a ldition, NMO	report an acceptance dequately CD accep	d/or file certain re e of a C-141 repo investigate and re	elease no ort by the emediate	otifications and NMOCD made contamination	d perform correcurked as "Final Room that pose a three	nderstand that pur- tive actions for rel eport" does not rel eat to ground wate responsibility for c	eases which may ieve the operator r, surface water,	endanger of liability human health				
Signature:		7					OIL CONS	<u>SERVATION</u>	DIVISION					
Printed Name	: Chance	y Summers			<i>A</i>	Approved by	Environmental Sp	pecialist:						
Title: HES	Specialist					Approval Date	e:	Expiration	Date:					
E-mail Address: <u>Chancey.Summers@oxy.com</u>						Conditions of	Approval:	Attached						
Date: ///0 Attach Addit	. •	ts If Necess		(575) 397-821				·	1					