



PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805
E-MAIL: cbrunson@bbcinternational.com

OXY – COYOTE 21 #2

REMEDIATION PLAN

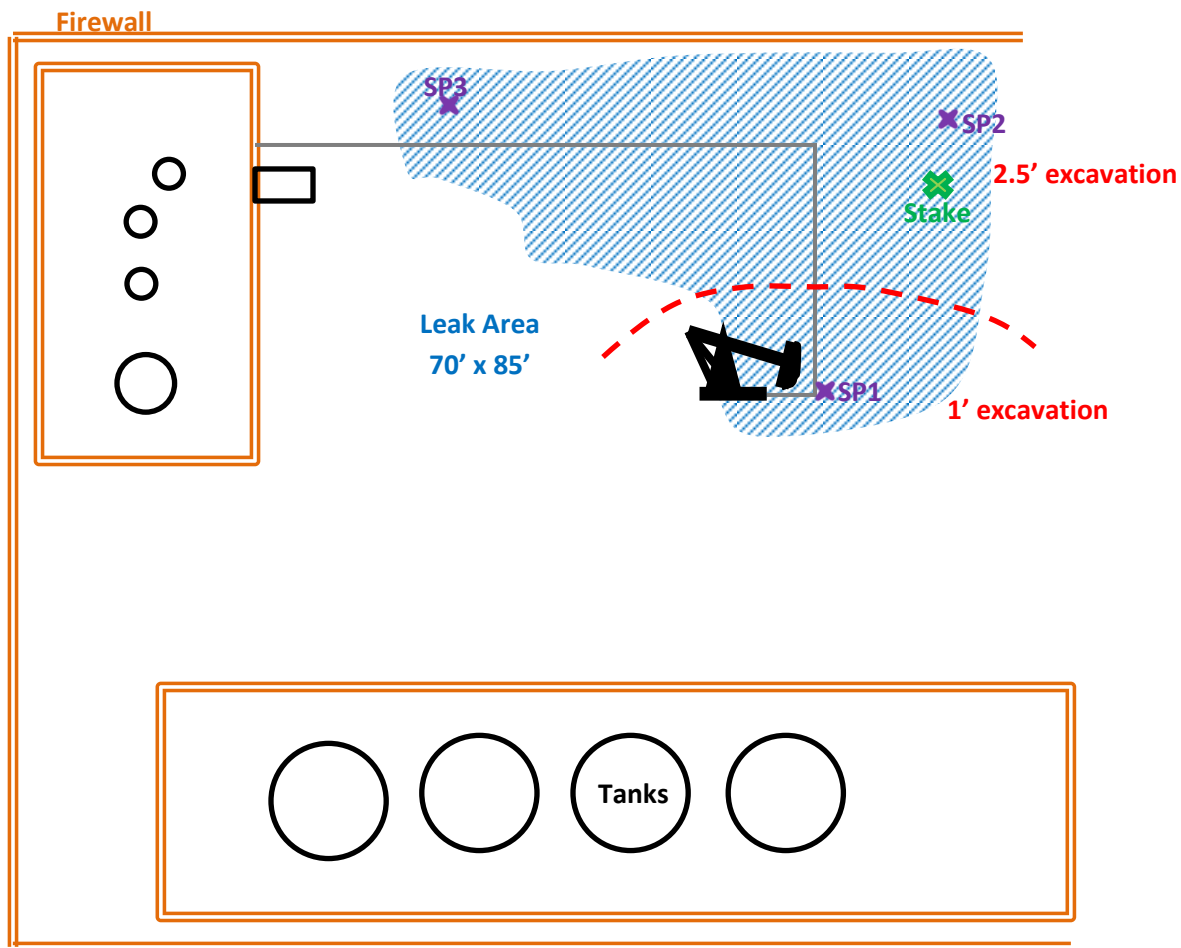
OXY will excavate the spill area as depicted on the following site diagram. The spill area near SP1 will be excavated to a depth of 1 foot. The remainder of the spill area near SP2 and SP3 will be excavated to a depth of 2.5 feet. All excavated materials will be disposed of at an NMOCD-approved disposal facility.

This plan will remove the contaminants to NMOCD acceptable levels as agreed upon.

The site will then be backfilled with clean soil.



Oxy
Coyote 21 #2



U/L N, Section 21, T24S, R29E

Eddy County, NM

N 32.19845° W 103.99052°

API# 30-015-29864

BBC International, Inc.

**Oxy
Coyote 21 #2**

Date: 07/30/2015

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2015



Groundwater Plot

Oxy Coyote 21 #2

County
Eddy

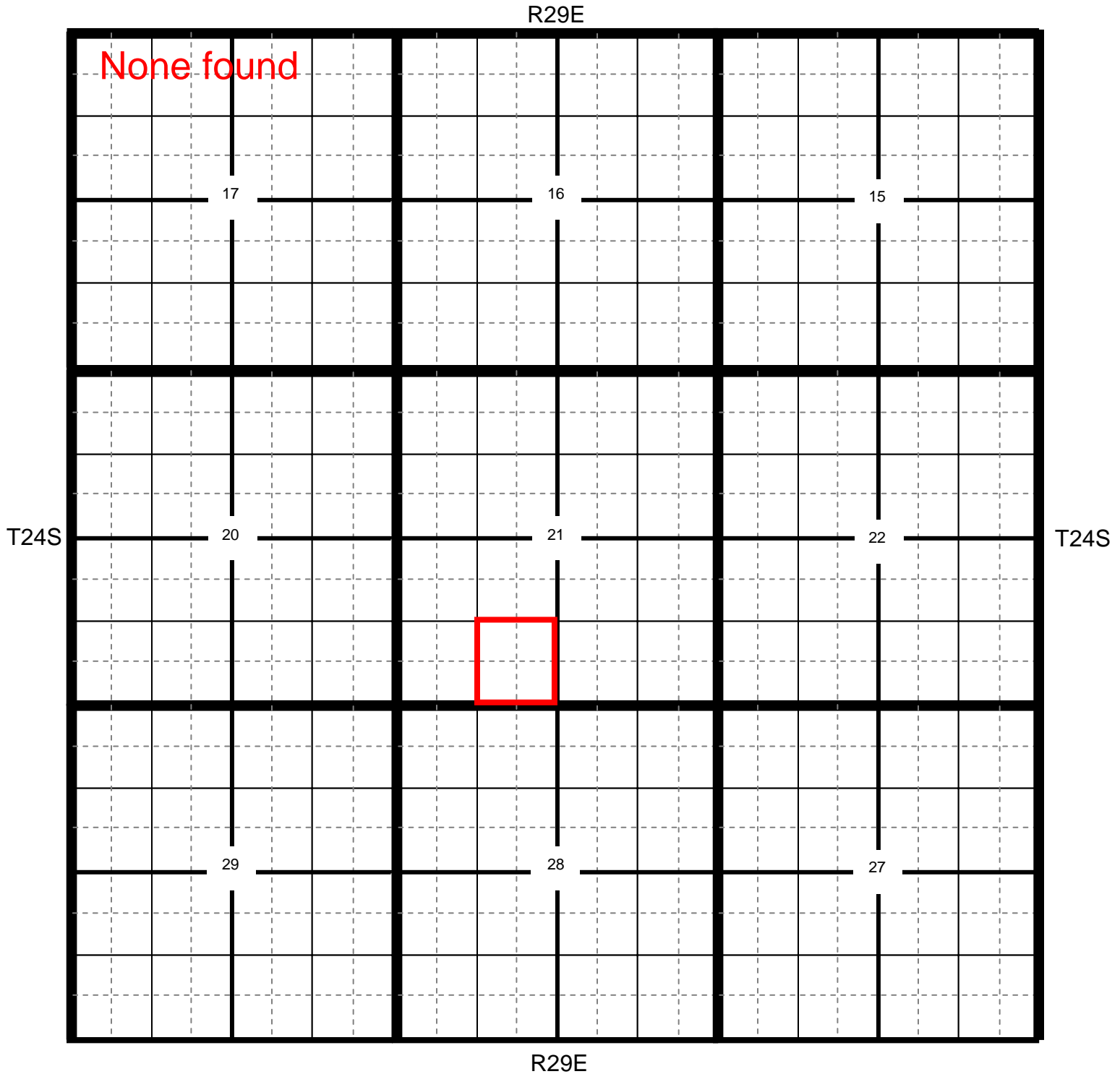
Unit Letter
N

Section
21

Township
24S

Range
29E

Trend Map 75'



Location

OCD

USGS

SEO

All Databases

Section Quarters

Oxy Coyote 21 #2

County Eddy
 Unit Letter N
 Section 21
 Township 24S
 Range 29E

Trend Map 75'

1

2

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

3

4

**Laboratory Analytical Results Summary
Coyote 21 #2**

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
Analyte	Method	Date	8/4/15	8/4/15	8/4/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.05	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		2840	<16.0	48
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	8/4/15	8/4/15	8/4/15	8/4/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		2920	4200	160	144
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'
Analyte	Method	Date	8/5/15	8/5/15	8/5/15	8/5/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	0.052	0.052	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		3840	3420	208	272
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0



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

August 12, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: COYOTE 21 #2

Enclosed are the results of analyses for samples received by the laboratory on 08/07/15 12:52.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

BBC International, Inc.
Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 08/07/2015
Reported: 08/12/2015
Project Name: COYOTE 21 #2
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 08/04/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP1 @ 1' (H502067-01)

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	08/10/2015	ND	2.00	99.9	2.00	1.69	
Toluene*	0.050	0.050	08/10/2015	ND	2.14	107	2.00	4.39	
Ethylbenzene*	<0.050	0.050	08/10/2015	ND	2.06	103	2.00	7.49	
Total Xylenes*	<0.150	0.150	08/10/2015	ND	6.12	102	6.00	6.95	
Total BTX	<0.300	0.300	08/10/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	08/12/2015	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	08/07/2015	ND	205	102	200	1.07	
DRO >C10-C28	<10.0	10.0	08/07/2015	ND	190	95.2	200	1.70	

Surrogate: 1-Chlorooctane 116 % 47.2-157

Surrogate: 1-Chlorooctadecane 128 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 08/07/2015
Reported: 08/12/2015
Project Name: COYOTE 21 #2
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 08/04/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP1 @ 2' (H502067-02)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2015	ND	2.00	99.9	2.00	1.69	
Toluene*	<0.050	0.050	08/10/2015	ND	2.14	107	2.00	4.39	
Ethylbenzene*	<0.050	0.050	08/10/2015	ND	2.06	103	2.00	7.49	
Total Xylenes*	<0.150	0.150	08/10/2015	ND	6.12	102	6.00	6.95	
Total BTX	<0.300	0.300	08/10/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 85.6-137

Chloride, SM4500CI-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	08/12/2015	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	08/08/2015	ND	205	102	200	1.07	
DRO >C10-C28	<10.0	10.0	08/08/2015	ND	190	95.2	200	1.70	

Surrogate: 1-Chlorooctane 114 % 47.2-157

Surrogate: 1-Chlorooctadecane 126 % 52.1-176

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Received: 08/07/2015
Reported: 08/12/2015
Project Name: COYOTE 21 #2
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 08/04/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP1 @ 3' (H502067-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2015	ND	2.00	99.9	2.00	1.69	
Toluene*	<0.050	0.050	08/10/2015	ND	2.14	107	2.00	4.39	
Ethylbenzene*	<0.050	0.050	08/10/2015	ND	2.06	103	2.00	7.49	
Total Xylenes*	<0.150	0.150	08/10/2015	ND	6.12	102	6.00	6.95	
Total BTX	<0.300	0.300	08/10/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/12/2015	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	08/08/2015	ND	205	102	200	1.07	
DRO >C10-C28	<10.0	10.0	08/08/2015	ND	190	95.2	200	1.70	

Surrogate: 1-Chlorooctane 118 % 47.2-157

Surrogate: 1-Chlorooctadecane 131 % 52.1-176

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Received: 08/07/2015
Reported: 08/12/2015
Project Name: COYOTE 21 #2
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 08/04/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP2 @ 1' (H502067-04)

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	08/10/2015	ND	2.00	99.9	2.00	1.69	
Toluene*	<0.050	0.050	08/10/2015	ND	2.14	107	2.00	4.39	
Ethylbenzene*	<0.050	0.050	08/10/2015	ND	2.06	103	2.00	7.49	
Total Xylenes*	<0.150	0.150	08/10/2015	ND	6.12	102	6.00	6.95	
Total BTX	<0.300	0.300	08/10/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	08/12/2015	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	08/08/2015	ND	205	102	200	1.07	
DRO >C10-C28	<10.0	10.0	08/08/2015	ND	190	95.2	200	1.70	

Surrogate: 1-Chlorooctane 114 % 47.2-157

Surrogate: 1-Chlorooctadecane 125 % 52.1-176

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Received: 08/07/2015
Reported: 08/12/2015
Project Name: COYOTE 21 #2
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 08/04/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP2 @ 2' (H502067-05)

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	08/10/2015	ND	2.00	99.9	2.00	1.69	
Toluene*	<0.050	0.050	08/10/2015	ND	2.14	107	2.00	4.39	
Ethylbenzene*	<0.050	0.050	08/10/2015	ND	2.06	103	2.00	7.49	
Total Xylenes*	<0.150	0.150	08/10/2015	ND	6.12	102	6.00	6.95	
Total BTX	<0.300	0.300	08/10/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4200	16.0	08/12/2015	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	08/08/2015	ND	205	102	200	1.07	
DRO >C10-C28	<10.0	10.0	08/08/2015	ND	190	95.2	200	1.70	

Surrogate: 1-Chlorooctane 116 % 47.2-157

Surrogate: 1-Chlorooctadecane 131 % 52.1-176

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Cliff Brunson
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Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 08/07/2015
Reported: 08/12/2015
Project Name: COYOTE 21 #2
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 08/04/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP2 @ 3' (H502067-06)

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	08/10/2015	ND	2.00	99.9	2.00	1.69	
Toluene*	<0.050	0.050	08/10/2015	ND	2.14	107	2.00	4.39	
Ethylbenzene*	<0.050	0.050	08/10/2015	ND	2.06	103	2.00	7.49	
Total Xylenes*	<0.150	0.150	08/10/2015	ND	6.12	102	6.00	6.95	
Total BTX	<0.300	0.300	08/10/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/12/2015	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	08/08/2015	ND	205	102	200	1.07	
DRO >C10-C28	<10.0	10.0	08/08/2015	ND	190	95.2	200	1.70	

Surrogate: 1-Chlorooctane 104 % 47.2-157

Surrogate: 1-Chlorooctadecane 116 % 52.1-176

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BBC International, Inc.
Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 08/07/2015
Reported: 08/12/2015
Project Name: COYOTE 21 #2
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 08/04/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP2 @ 4' (H502067-07)

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	08/10/2015	ND	2.00	99.9	2.00	1.69	
Toluene*	<0.050	0.050	08/10/2015	ND	2.14	107	2.00	4.39	
Ethylbenzene*	<0.050	0.050	08/10/2015	ND	2.06	103	2.00	7.49	
Total Xylenes*	<0.150	0.150	08/10/2015	ND	6.12	102	6.00	6.95	
Total BTX	<0.300	0.300	08/10/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/12/2015	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	08/08/2015	ND	205	102	200	1.07	
DRO >C10-C28	<10.0	10.0	08/08/2015	ND	190	95.2	200	1.70	

Surrogate: 1-Chlorooctane 103 % 47.2-157

Surrogate: 1-Chlorooctadecane 115 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

BBC International, Inc.
Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 08/07/2015
Reported: 08/12/2015
Project Name: COYOTE 21 #2
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 08/05/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP3 @ 1' (H502067-08)

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	08/10/2015	ND	2.00	99.9	2.00	1.69	
Toluene*	<0.050	0.050	08/10/2015	ND	2.14	107	2.00	4.39	
Ethylbenzene*	<0.050	0.050	08/10/2015	ND	2.06	103	2.00	7.49	
Total Xylenes*	<0.150	0.150	08/10/2015	ND	6.12	102	6.00	6.95	
Total BTX	<0.300	0.300	08/10/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	08/12/2015	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	08/08/2015	ND	205	102	200	1.07	
DRO >C10-C28	<10.0	10.0	08/08/2015	ND	190	95.2	200	1.70	

Surrogate: 1-Chlorooctane 116 % 47.2-157

Surrogate: 1-Chlorooctadecane 129 % 52.1-176

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Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 08/07/2015
Reported: 08/12/2015
Project Name: COYOTE 21 #2
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 08/05/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP3 @ 2' (H502067-09)

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	08/11/2015	ND	2.00	99.9	2.00	1.69	
Toluene*	0.052	0.050	08/11/2015	ND	2.14	107	2.00	4.39	
Ethylbenzene*	<0.050	0.050	08/11/2015	ND	2.06	103	2.00	7.49	
Total Xylenes*	<0.150	0.150	08/11/2015	ND	6.12	102	6.00	6.95	
Total BTX	<0.300	0.300	08/11/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	08/12/2015	ND	432	108	400	3.77	

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	08/08/2015	ND	205	102	200	1.07	
DRO >C10-C28	<10.0	10.0	08/08/2015	ND	190	95.2	200	1.70	

Surrogate: 1-Chlorooctane 117 % 47.2-157

Surrogate: 1-Chlorooctadecane 147 % 52.1-176

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Analytical Results For:

BBC International, Inc.
Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 08/07/2015
Reported: 08/12/2015
Project Name: COYOTE 21 #2
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 08/05/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP3 @ 3' (H502067-10)

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	08/11/2015	ND	2.00	99.9	2.00	1.69	
Toluene*	0.052	0.050	08/11/2015	ND	2.14	107	2.00	4.39	
Ethylbenzene*	<0.050	0.050	08/11/2015	ND	2.06	103	2.00	7.49	
Total Xylenes*	<0.150	0.150	08/11/2015	ND	6.12	102	6.00	6.95	
Total BTX	<0.300	0.300	08/11/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/12/2015	ND	432	108	400	3.77	

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	08/08/2015	ND	205	102	200	1.07	
DRO >C10-C28	<10.0	10.0	08/08/2015	ND	190	95.2	200	1.70	

Surrogate: 1-Chlorooctane 118 % 47.2-157

Surrogate: 1-Chlorooctadecane 132 % 52.1-176

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Analytical Results For:

BBC International, Inc.
Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 08/07/2015
Reported: 08/12/2015
Project Name: COYOTE 21 #2
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 08/05/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP3 @ 4' (H502067-11)

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	08/11/2015	ND	2.00	99.9	2.00	1.69	
Toluene*	<0.050	0.050	08/11/2015	ND	2.14	107	2.00	4.39	
Ethylbenzene*	<0.050	0.050	08/11/2015	ND	2.06	103	2.00	7.49	
Total Xylenes*	<0.150	0.150	08/11/2015	ND	6.12	102	6.00	6.95	
Total BTX	<0.300	0.300	08/11/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/12/2015	ND	432	108	400	3.77	

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	08/08/2015	ND	205	102	200	1.07	
DRO >C10-C28	<10.0	10.0	08/08/2015	ND	190	95.2	200	1.70	

Surrogate: 1-Chlorooctane 117 % 47.2-157

Surrogate: 1-Chlorooctadecane 128 % 52.1-176

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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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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.										P.O. #:										BILL TO										ANALYSIS REQUEST									
Project Manager: Cliff Brunson										Company:																													
Address: P.O. Box 805										Attn:																													
City: Hobbs										State: NM Zip: 88241																													
Phone #: 575-397-6388										Fax #: 575-397-0397																													
Project #:										Project Owner: Oxy																													
Project Name: Coyote 21 #2										State: Zip:																													
Project Location: Eddy County, NM										Phone #:																													
Sample Name: Price Brunson										Fax #:																													
FOR LAB USE ONLY										MATRIX										PRESERV										SAMPLING									
Lab I.D.										(G)RAB OR (C)OMP.																													
Sample I.D.										# CONTAINERS																													
										GROUNDWATER																													
										WASTEWATER																													
										SOIL																													
										OIL																													
										SLUDGE																													
										OTHER :																													
										ACID/BASE:																													
										ICE / COOL																													
										OTHER :																													
										DATE										TIME																			
SP1 @ 1'										8/4/15										10:30 AM										✓									
SP1 @ 2'										8/4/15										11:00 AM										✓									
SP1 @ 3'										8/4/15										11:45 AM										✓									
SP2 @ 1'										8/4/15										2:00 PM										✓									
SP2 @ 2'										8/4/15										2:30 PM										✓									
SP2 @ 3'										8/4/15										3:00 PM										✓									
SP2 @ 4'										8/4/15										3:30 PM										✓									
SP3 @ 1'										8/5/15										10:30 AM										✓									
SP3 @ 2'										8/5/15										11:00 AM										✓									
SP3 @ 3'										8/5/15										11:45 AM										✓									
SP3 @ 4'																																							
SP3 @ 5'																																							
SP3 @ 6'																																							
SP3 @ 7'																																							
SP3 @ 8'																																							
SP3 @ 9'																																							
SP3 @ 10'																																							
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Relinquished By:										Date: 8/6/15										Received By:																			
Relinquished By:										Time: 8:00am										Received By:																			
Relinquished By:										Date: 8/7/15										Received By:																			
Relinquished By:										Time: 12:50a										Received By:																			
Delivered By: (Circle One)										Sample Condition										CHECKED BY: (Initials)																			
Sampler - UPS - Bus - Other:										Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>										Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>																			
										-1.20																													

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54

Page 14 of 15

2 of 1

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	Oxy Permian Ltd.	Contact	CJ Summers
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(432) 685-5824
Facility Name	Coyote 21 #2	Facility Type	Well
Surface Owner	McDonald/Bradley	Mineral Owner	
		API No.	30-015-29864

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	21	24S	29E					Eddy County, NM

Latitude N 32.19845° Longitude W 103.99052°

NATURE OF RELEASE

Type of Release	Oil and produced water	Volume of Release	5 bbls oil, 30 bbls produced water	Volume Recovered	30 bbls
Source of Release	Over pressure on the stuffing box caused the packing to blow out of the well head	Date and Hour of Occurrence	07/23/2015	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher and Heather Patterson-NMOCD		
By Whom?	Jennifer Gilkey @ BBC International Inc.	Date and Hour	07/24/2015 @ 5:07 pm		
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.*					
Over pressure on the stuffing box caused the packing to blow out on the well head and spill 5 bbls of oil and 30 bbls of produced water onto the ground. A vacuum truck recovered 30 bbls of fluids and the packing was replaced.					
Describe Area Affected and Cleanup Action Taken.*					
The affected area is approximately 85' x 70' on location. Remediation will be completed according to a remediation plan approved by NMOCD.					
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: 		OIL CONSERVATION DIVISION			
Printed Name: CJ Summers		Approved by Environmental Specialist:			
Title: HES Lead		Approval Date:		Expiration Date:	
E-mail Address: chancey_summers@oxy.com		Conditions of Approval:		Attached <input type="checkbox"/>	
Date: 8-13-15		Phone: (432) 685-5824			

* Attach Additional Sheets If Necessary