Closure Report APPROVED



Site Description				
Site Name: CE Lamunyon #74				
Company:	Oxy Permian Ltd.			
Legal Description:	U/L C, Section 27, T23S, R37E			
County:	Lea County, NM			
GPS Coordinates:	N 32.27922° W 103.15441°			

Release Data

Date of Release:	05/11/2014
Type of Release:	Oil and produced water
Source of Release:	Stuffing box packing on well head blew out
Volume of Release:	2 bbls oil, 8 bbls water
Volume Recovered:	0 bbls

Remediation Specifications						
Remediation Parameters:	1					
Remediation Activities:	Remediation Activities: 05/12/2015 to 05/14/2015					
Plan Sent to OCD:	10/20/2014	Email from Cliff Brunson to Tomas Oberding				

Plan Sent to OCD:	10/20/2014	Email from Cliff Brunson to Tomas Oberding
OCD Approval of Plan:	10/20/2014	Email from Tomas Oberding to Cliff Brunson
Plan Sent to BLM:	n/a	n/a
BLM Approval of Plan:	n/a	n/a

	Supporting Documentation					
Initial C-141	Signed 05/19/2014					
Final C-141	Signed 05/15/2015					
Site Diagram	May 2014					
Groundwater Plot	50'-100'					
TOPO Maps	May 2014					
Lab Summary	07/18/2014					
Lab Analysis	07/18/2014					
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.

07/07/2015

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

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

API No. 30-025-35060

Release Notification and Corrective Action

	OPERATOR	Initial Report	Final Report
Name of Company Oxy Permian Ltd.	Contact CJ Summers		
Address 1017 W. Stanolind Rd, Hobbs, NM	Telephone No. (575) 397-8	3216	
Facility Name CE Lamunyon # 74	Facility Type Well location	1	
Surface Owner Jimmy Weir	Minaml	ADINI 20.005 250	(0)
j surrace of where shinning wen	Mineral Owner	API No. 30-025-350	00

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County	
С	27	238	37E	1310	North	1515	West	Lea	

Latitude N 32.27893°

Longitude <u>W 103.15399°</u>

NATURE OF RELEASE

Type of Release Oil and Produced water	Volume of Release 2 bbls oil, 8 bbls produced water	Volume R	lecovered 0 bbls
Source of Release A piece of rubber was stuck in the back pressure valve which caused the stuffing box packing on the wellhead to blow out	Date and Hour of Occurrence	Date and I	Hour of Discovery
Was Immediate Notice Given?	If YES, To Whom?		
🛛 Yes 🗌 No 🔲 Not Required	Geoffrey Leking, NMOCD		
By Whom? Kathy Purvis, BBC International	Date and Hour 05/12/2014 @ 3		
Was a Watercourse Reached?	If YES, Volume Impacting the W	atercourse.	
If a Watercourse was Impacted, Describe Fully.*			
Describe Cause of Problem and Remedial Action Taken.*			
A piece of rubber got stuck in the back pressure valve which caused the st of produced water onto the ground. The piece of rubber was removed, the	tuffing box packing to blow out on th e stuffing box packing was replaced,	e well head a and no fluids	nd spill 2 bbls of oil and 8 bbls were recovered.
Describe Area Affected and Cleanup Action Taken.*			
The affected area is approximately 10' x 90' on location. Remediation with	ill be completed in accordance a remo	ediation plan a	approved by NMOCD.
I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release negligible health or the environment. The acceptance of a C-141 report by the should their operations have failed to adequately investigate and remediate or the environment. In addition, NMOCD acceptance of a C-141 report d federal, state, or local laws and/or regulations.	otifications and perform corrective a e NMOCD marked as "Final Report" e contamination that pose a threat to	ctions for rele does not relie ground water.	ases which may endanger eve the operator of liability surface water, human health
Signature:	OIL CONSER	VATION 1	DIVISION
Printed Name: Chancey Summers	Approved by District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration D	Date:
	Conditions of Approval:		Attached
Date: $5 - 19 - 19$ Phone: (575) 397-8216			

_/ * Attach Additional Sheets If Necessary

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Enonois Dr.

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

1220 S. St. Frai	icis Dr., Sant	a Fe, NM 8750	5			e, NM 87:					
			Dal			<u> </u>		- 4			
			Rel	ease motim	catio		orrective A	ction			
						OPERA			al Report		Final Repor
Name of Co		Oxy Permia		1 373 5			Christopher Jone			.	
		Commerce D		ad, NM		Telephone I				~	
Facility Nat	ne CEI	_amunyon #	/4			Facility Typ	e Well locati	on			
Surface Ow	ner Jim	my Weir		Mineral (Owner			API No	. 30-025	-3506	0
				LOC	ATIO	N OF RE	FASE				
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	East/West Line	County		
		_	_					Luca II oct Linto	county		
С	27	235	37E	1310		North	1515	West	Lea Count	y, NM	
			Ι	Latitude <u>N 32,2</u>	<u>7893°</u>	Longitu	de <u>W 103.1539</u>	<u>9°</u>			
				NAT	ידסדי	OF REL	E A ST				
Type of Rele	ase Oila	nd Produced y	vater		UKE	Volume of		oil, Volume F	Peroverad	0 bbls	
i jpe or nore		na i rouuooa ,	vator				luced water	on, volume r		0.0012	
	caused the s	tuffing box pa		c in the back pres the wellhead to b			lour of Occurrenc	e Date and	Hour of Dis	covery	
Was Immedi	ate Notice (~ -			If YES, To					
				No 🔲 Not R	equired		eking-NMOCD				
By Whom? Was a Water		rvis, BBC Inte	ernational			Date and Hour 05/12/2014 @ 3:05pm					
was a water	course Read		Yes 🛛	No		If YES, Volume Impacting the Watercourse.					
If a Watercou	_										
Describe Cau A piece of rul	ober got stu	ck in the back	pressure v	valve which cause	ed the st	uffing box pa	cking to blow out	on the well head a	nd spill 2 bb	lsofo	il and 8 bbls
of produced v	vater onto ti	he ground. Th	ie piece of	rubber was remo	ved, the	stuffing box	packing was repla	aced, and no fluids	were recove	red.	
Describe Are	a Affected a	and Cleanup A	ction Tak	en.*							
The affected a Oberding of I	urea is appro IMOCD via	oximately 10' a email on 10/	x 90' on l 20/2014.	ocation. Remedi	ation wa	s completed i	n accordance with	n the remediation p	lan approve	d by To	omas
regulations al public health should their o	l operators : or the envir perations ha ment. In as	are required to onment. The ave failed to a dition, NMO	e report an acceptance dequately CD accept	d/or file certain re e of a C-141 repo investigate and re	elease no ort by the emediate	otifications ar NMOCD ma contaminatio	d perform correct irked as "Final Re on that pose a thre	derstand that pursuive actions for rele port" does not relia at to ground water, esponsibility for co	ases which a eve the opera surface wat	nay en ator of er, hun	danger liability nan health
Signature: C	hris Jo	nes email=ck c=US		i, o.com,			OIL CONS	ERVATION	DIVISIO	<u>N</u>	
Printed Name	: Christo	pher Jones	5.05.15 10:43:14	+-05'00'	/	Approved by	Environmental Sp	ecialist:			
Title: HES	Specialist				4	Approval Date	2.	Expiration I	Date:		
E-mail Addre	ss: Christ	opher_Jones@	oxy.com		(Conditions of	Approval:		Attached		
Date:			Phone:	575-628-4121							

* Attach Additional Sheets If Necessary





Groundwater Plot

Oxy CE Lamunyon #74







Section Quarters

Oxy CE Lamunyon #74



Оху

CE Lamunyon #74



CE Lamunyon #74



Laboratory Analytical Results Summary CE Lamunyon #74

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 4'	SP1 @ 5'
Analyte	Method	Date	7/18/14	7/18/14	7/18/14	7/18/14
			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	SM4500CI-B		848	208	320	144
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	7/18/14	7/18/14
			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		336	128
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'
Analyte	Method	Date	7/18/14	7/18/14	7/18/14	7/18/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.200	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.212	0.071	<0.050	<0.050
Ethylbenzene	BTEX 8021B		1.47	0.67	<0.050	<0.050
Total Xylenes	BTEX 8021B		11.9	4.6	<0.150	<0.150
Total BTEX	BTEX 8021B		13.6	5.34	<0.300	<0.300
Chloride	SM4500CI-B		192	32	64	16
GRO	TPH 8015M		592	288	<10.0	<10.0
DRO	TPH 8015M		6790	5090	30.7	<10.0



July 25, 2014

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

RE: C E LAMUNYON #74

Enclosed are the results of analyses for samples received by the laboratory on 07/21/14 8:45.

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 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.

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. Keine

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:	07/21/2014	Sampling Date:	07/18/2014
Reported:	07/25/2014	Sampling Type:	Soil
Project Name:	C E LAMUNYON #74	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM - OXY		

Sample ID: SP1 @ 1' (H402205-01)

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	07/23/2014	ND	2.14	107	2.00	2.95	
Toluene*	<0.050	0.050	07/23/2014	ND	2.21	110	2.00	4.35	
Ethylbenzene*	<0.050	0.050	07/23/2014	ND	2.24	112	2.00	3.99	
Total Xylenes*	<0.150	0.150	07/23/2014	ND	6.85	114	6.00	4.88	
Total BTEX	<0.300	0.300	07/23/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	% 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	848	16.0	07/22/2014	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	07/23/2014	ND	188	93.9	200	0.985	
DRO >C10-C28	<10.0	10.0	07/23/2014	ND	201	101	200	2.25	
Surrogate: 1-Chlorooctane	98.0	65.2-14	0						
Surrogate: 1-Chlorooctadecane	106 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

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:	07/21/2014	Sampling Date:	07/18/2014
Reported:	07/25/2014	Sampling Type:	Soil
Project Name:	C E LAMUNYON #74	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM - OXY		

Sample ID: SP1 @ 2' (H402205-02)

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	07/23/2014	ND	2.19	110	2.00	1.02	
Toluene*	<0.050	0.050	07/23/2014	ND	2.22	111	2.00	0.442	
Ethylbenzene*	<0.050	0.050	07/23/2014	ND	2.24	112	2.00	0.986	
Total Xylenes*	<0.150	0.150	07/23/2014	ND	6.74	112	6.00	0.911	
Total BTEX	<0.300	0.300	07/23/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	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	208	16.0	07/22/2014	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	07/22/2014	ND	172	86.2	200	8.09	
DRO >C10-C28	<10.0	10.0	07/22/2014	ND	170	85.0	200	8.94	
Surrogate: 1-Chlorooctane	110 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	119 %	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

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:	07/21/2014	Sampling Date:	07/18/2014
Reported:	07/25/2014	Sampling Type:	Soil
Project Name:	C E LAMUNYON #74	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM - OXY		

Sample ID: SP1 @ 4' (H402205-03)

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	07/23/2014	ND	2.19	110	2.00	1.02	
Toluene*	<0.050	0.050	07/23/2014	ND	2.22	111	2.00	0.442	
Ethylbenzene*	<0.050	0.050	07/23/2014	ND	2.24	112	2.00	0.986	
Total Xylenes*	<0.150	0.150	07/23/2014	ND	6.74	112	6.00	0.911	
Total BTEX	<0.300	0.300	07/23/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	% 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	320	16.0	07/22/2014	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	07/22/2014	ND	172	86.2	200	8.09	
DRO >C10-C28	<10.0	10.0	07/22/2014	ND	170	85.0	200	8.94	
Surrogate: 1-Chlorooctane	125 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	139 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

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:	07/21/2014	Sampling Date:	07/18/2014
Reported:	07/25/2014	Sampling Type:	Soil
Project Name:	C E LAMUNYON #74	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM - OXY		

Sample ID: SP1 @ 5' (H402205-04)

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	07/23/2014	ND	2.19	110	2.00	1.02	
Toluene*	<0.050	0.050	07/23/2014	ND	2.22	111	2.00	0.442	
Ethylbenzene*	<0.050	0.050	07/23/2014	ND	2.24	112	2.00	0.986	
Total Xylenes*	<0.150	0.150	07/23/2014	ND	6.74	112	6.00	0.911	
Total BTEX	<0.300	0.300	07/23/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	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	144	16.0	07/22/2014	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	07/22/2014	ND	172	86.2	200	8.09	
DRO >C10-C28	<10.0	10.0	07/22/2014	ND	170	85.0	200	8.94	
Surrogate: 1-Chlorooctane	121 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	134 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

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:	07/21/2014	Sampling Date:	07/18/2014
Reported:	07/25/2014	Sampling Type:	Soil
Project Name:	C E LAMUNYON #74	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM - OXY		

Sample ID: SP2 @ 1' (H402205-05)

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	07/23/2014	ND	2.19	110	2.00	1.02	
Toluene*	<0.050	0.050	07/23/2014	ND	2.22	111	2.00	0.442	
Ethylbenzene*	<0.050	0.050	07/23/2014	ND	2.24	112	2.00	0.986	
Total Xylenes*	<0.150	0.150	07/23/2014	ND	6.74	112	6.00	0.911	
Total BTEX	<0.300	0.300	07/23/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	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	336	16.0	07/22/2014	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	07/22/2014	ND	172	86.2	200	8.09	
DRO >C10-C28	<10.0	10.0	07/22/2014	ND	170	85.0	200	8.94	
Surrogate: 1-Chlorooctane	116 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	127 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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Received:	07/21/2014	Sampling Date:	07/18/2014
Reported:	07/25/2014	Sampling Type:	Soil
Project Name:	C E LAMUNYON #74	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM - OXY		

Sample ID: SP2 @ 2' (H402205-06)

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	07/23/2014	ND	2.19	110	2.00	1.02	
Toluene*	<0.050	0.050	07/23/2014	ND	2.22	111	2.00	0.442	
Ethylbenzene*	<0.050	0.050	07/23/2014	ND	2.24	112	2.00	0.986	
Total Xylenes*	<0.150	0.150	07/23/2014	ND	6.74	112	6.00	0.911	
Total BTEX	<0.300	0.300	07/23/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	% 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	128	16.0	07/22/2014	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	07/22/2014	ND	172	86.2	200	8.09	
DRO >C10-C28	<10.0	10.0	07/22/2014	ND	170	85.0	200	8.94	
Surrogate: 1-Chlorooctane	109 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	120 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

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:	07/21/2014	Sampling Date:	07/18/2014
Reported:	07/25/2014	Sampling Type:	Soil
Project Name:	C E LAMUNYON #74	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM - OXY		

Sample ID: SP3 @ 1' (H402205-07)

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*	<0.200	0.200	07/23/2014	ND	2.19	110	2.00	1.02	
Toluene*	0.212	0.200	07/23/2014	ND	2.22	111	2.00	0.442	
Ethylbenzene*	1.47	0.200	07/23/2014	ND	2.24	112	2.00	0.986	
Total Xylenes*	11.9	0.600	07/23/2014	ND	6.74	112	6.00	0.911	
Total BTEX	13.6	1.20	07/23/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	171	% 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	192	16.0	07/22/2014	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	592	100	07/22/2014	ND	172	86.2	200	8.09	
DRO >C10-C28	6790	100	07/22/2014	ND	170	85.0	200	8.94	
Surrogate: 1-Chlorooctane	730	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	240	% 63.6-15	4						

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*=Accredited Analyte

Celeg D. Keine

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:	07/21/2014	Sampling Date:	07/18/2014
Reported:	07/25/2014	Sampling Type:	Soil
Project Name:	C E LAMUNYON #74	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM - OXY		

Sample ID: SP3 @ 2' (H402205-08)

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*	<0.050	0.050	07/23/2014	ND	2.19	110	2.00	1.02	
Toluene*	0.071	0.050	07/23/2014	ND	2.22	111	2.00	0.442	
Ethylbenzene*	0.670	0.050	07/23/2014	ND	2.24	112	2.00	0.986	
Total Xylenes*	4.60	0.150	07/23/2014	ND	6.74	112	6.00	0.911	
Total BTEX	5.34	0.300	07/23/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	220	% 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	32.0	16.0	07/22/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	288	100	07/22/2014	ND	172	86.2	200	8.09	
DRO >C10-C28	5090	100	07/22/2014	ND	170	85.0	200	8.94	
Surrogate: 1-Chlorooctane	383	65.2-14	0						
Surrogate: 1-Chlorooctadecane	208	63.6-15	1						

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Celez D. Keine

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:	07/21/2014	Sampling Date:	07/18/2014
Reported:	07/25/2014	Sampling Type:	Soil
Project Name:	C E LAMUNYON #74	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM - OXY		

Sample ID: SP3 @ 3' (H402205-09)

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	07/23/2014	ND	2.19	110	2.00	1.02	
Toluene*	<0.050	0.050	07/23/2014	ND	2.22	111	2.00	0.442	
Ethylbenzene*	<0.050	0.050	07/23/2014	ND	2.24	112	2.00	0.986	
Total Xylenes*	<0.150	0.150	07/23/2014	ND	6.74	112	6.00	0.911	
Total BTEX	<0.300	0.300	07/23/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	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	07/22/2014	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	07/22/2014	ND	172	86.2	200	8.09	
DRO >C10-C28	30.7	10.0	07/22/2014	ND	170	85.0	200	8.94	
Surrogate: 1-Chlorooctane	110 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	122 9	63.6-15	4						

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Celeg D. Keine

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:	07/21/2014	Sampling Date:	07/18/2014
Reported:	07/25/2014	Sampling Type:	Soil
Project Name:	C E LAMUNYON #74	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM - OXY		

Sample ID: SP3 @ 4' (H402205-10)

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	07/23/2014	ND	2.19	110	2.00	1.02	
Toluene*	<0.050	0.050	07/23/2014	ND	2.22	111	2.00	0.442	
Ethylbenzene*	<0.050	0.050	07/23/2014	ND	2.24	112	2.00	0.986	
Total Xylenes*	<0.150	0.150	07/23/2014	ND	6.74	112	6.00	0.911	
Total BTEX	<0.300	0.300	07/23/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	% 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	16.0	16.0	07/22/2014	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	07/22/2014	ND	172	86.2	200	8.09	
DRO >C10-C28	<10.0	10.0	07/22/2014	ND	170	85.0	200	8.94	
Surrogate: 1-Chlorooctane	115 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	126 %	63.6-15	4						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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 SM4500CI-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. Keine

Celey D. Keene, Lab Director/Quality Manager

Company Name: R	RRC International Inc.	the second second second	97 718			ANALYSIS RE	REQUEST	
	Cliff Brunson		100000					
00	x 805		Company:					
city: Hobbs	State: NM	Zip: 88241	Attn:					
Phone #: 575-397-6388	Fax #:	Q1	Address:		•			
Project #:	Project Owner:	ar: OXV	city: 714	0				
ame: C	E CEMUNON #-	74 1	State: Zip: 3					
Project Location:	Nal 1		Phone #:		<u>×</u>			
Sampler Name:	Left Ornelas		Fax #:	H	- 5			
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	NG P	<u> </u> T_			
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Relinquished By:		Received By:	Under					
Delivered By: (Circle One) Sampler - UPS - Bus - Other	rcle One)	Cool Intact	ion CHECKED BY: (Mittais	×.		a		

Page 13 of 13

Kathy Purvis

From:	Oberding, Tomas, EMNRD <tomas.oberding@state.nm.us></tomas.oberding@state.nm.us>
Sent:	Monday, October 20, 2014 1:09 PM
То:	Cliff P. Brunson
Cc:	C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	RE: OXY - CE Lamunyon #74 - Remediation Plan

Aloha Mr Brunson et al,

Thank you for sending in this work plan. Please consider this the notice of receipt.

Based on sample results provided, OCD conditionally approves the plan as written. I have a concern that a surface scrape in the areas of SP1 and SP2 will not address the ~Cl contamination that is found until at least 1'. OCD recommends the removal of at least 1.5' contaminated soil at SP1 to address the higher than permissible ~Cl levels. The rest of the plan appears to address the contaminants and bring the area back within regulatory levels. If you have any concerns or question, please don't hesitate to contact me. Mahalo for your help -Doc

Tomáš 'Doc' Oberding, PhD Environmental Specialist – New Mexico Oil Conservation Division Energy, Minerals and Natural Resources Department 1625 N. French Dr. Hobbs, NM 88240 (O): (575) 393-6161 ext 111 (C): 575-370-3180 (F): (575) 393-0720 E-Mail: tomas.oberding@state.nm.us Website: http://www.emnrd.state.nm.us/ocd/

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Monday, October 20, 2014 11:52 AM
To: Oberding, Tomas, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY - CE Lamunyon #74 - Remediation Plan

Tomas,

This e-mail is to confirm our conversation on September 22, 2014 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. The agreed upon remediation plan is on the first page of the attachment along with the RP number per your previous request. This site is a State only jurisdiction location.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS President Confidentiality Notice: This electronic transmission (and any attached documents) is intended only for the person(s) to whom it is addressed and may contain information that is privileged, confidential, or otherwise protected from disclosure. If you have received this transmission in error, please immediately notify the sender by e-mail or by telephone call to (575) 397-6388 for handling instructions. Any disclosure or distribution of the contents of this transmission by anyone other than the named recipient(s) is strictly prohibited.



















































