Closure Report APPROVED

By OCD District 1 at 3:32 pm, Jul 08, 2015

	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:	Excavate the areas around SP1 and SP2 to a depth of 1.5 feet. Excavate the area around SP3 to a depth of 2.5 feet. Backfill the site with clean soil.						
Remediation Activities:	05/12/2015 to 05/14/2015						

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 District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 October 10, 2003

Final Report

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

✓ Initial Report

Release Notification and Corrective Action

OPERATOR

Name of Company Oxy Permian Ltd.						Contact CJ Summers						
Address 1017 W. Stanolind Rd, Hobbs, NM						Telephone No. (575) 397-8216						
Facility Name CE Lamunyon #74						Facility Type Well location						
Surface Own	ner Jimm	v Weir		Mineral O	wner	er API No. 30-025-35060						
		·										
	~ .		r _			N OF REI						
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 W 103.15399°												
				NAT	URE	OF RELI	EASE					
Type of Release Oil and Produced water Volume of Release 2 bbls oil, Volume Recovered 0 bbls 8 bbls produced water												
				in the back pressur the wellhead to blo			our of Occurrence	e Date and	Hour of Discovery			
Was Immedia		iven?		· -		If YES, To		,	1			
		☒	Yes	No 🗌 Not Rea	quired	Geoffrey L	eking, NMOCD					
		vis, BBC Inte	rnational			Date and H		@ 3:05 pm				
Was a Waterc	ourse Reac		Yes 🛛	No		If YES, Vo	lume Impacting th	ne Watercourse.				
If a Watercou	rse was Imr	pacted, Descri	be Fully.*			<u> </u>						
		•	•									
Describe Caus	se of Proble	m and Remed	lial Action	Taken.*								
A piece of rub of produced w	ber got studater onto the	ck in the back ne ground. Th	pressure vie piece of	valve which caused rubber was remov	d the sto red, the	uffing box pa stuffing box	cking to blow out packing was repla	on the well head a seed, and no fluids	nd spill 2 bbls of oil and 8 bbls were recovered.			
Describe Area	Affected a	nd Cleanup A	ction Tak	en.*					40.40			
The affected a	rea is annro	oximately 10'	x 90' on 1	ocation Remedia	tion wil	ll be complete	d in accordance a	remediation plan	approved by NMOCD.			
								-				
regulations all	operators a	re required to	report an	d/or file certain rel	lease no	tifications an	d perform correct	ive actions for rele	uant to NMOCD rules and asses which may endanger			
public health of	or the envir	onment, The	acceptance	e of a C-141 repor	t by the	NMOCD ma	rked as "Final Re	port" does not relic	eve the operator of liability			
or the environ	ment In ac	eve raned to a	dequately CD accent	investigate and rei	nediate port de	contaminatio	on that pose a three	at to ground water,	surface water, human health ompliance with any other			
federal, state,	or local law	and/or regu	lations.		port de	ics not remove	the operator of re	esponsionity for ed	inpliance with any other			
							OIL CONS	ERVATION	DIVISION			
Signature:				>		•						
Printed Name: Chancey Summers						Approved by I	District Supervisor	r:				
	·	Summers							_			
Title: HES	Specialist				P	Approval Date: Expir			xpiration Date:			
E-mail Addres	s: Chanc	ey.Summers@	voxy.com			Conditions of	Approval:		Attached D			
Date: 5-	19-1	4	Dhos	ne: (575) 397-8216			_ -		Attached			
Attach Additi	<u>-</u>			io. (313) 391-0210								

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

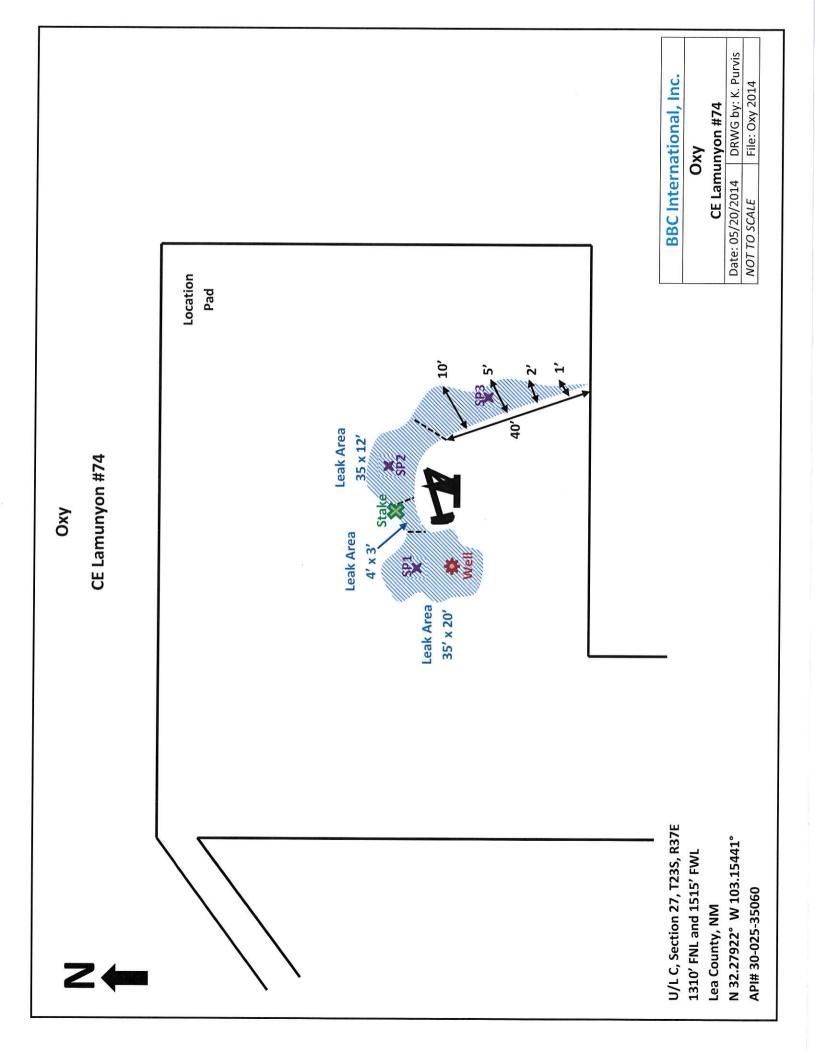
State of New Mexico Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011

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.

			Rel	ease Notific	catio	n and Co	orrective A	ction				
						OPERA'	ГOR		Initi	al Report	\boxtimes	Final Report
Name of Co	mpany (Oxy Permia	n Ltd.			Contact C	Christopher Jone	es				
	1502 W. Co			ad, NM		Telephone 1						
Facility Na	ne CE L	amunyon #'	74			Facility Typ	e Well locati	on				
Surface Ow	ner Jimn	ny Weir		Mineral C	Owner				API No	30-025	5-35060	0
				LOCA	TIO	N OF RE	LEASE					
Unit Letter	Section	Township	Range	Feet from the	North.	/South Line	Feet from the	East/We	st Line	County		
С	27	23S	37E	1310		North	1515	We	est	Lea Count	ty, NM	
			I	Latitude <u>N 32,2</u>	7893°	Longitu	ıde <u>W 103.1539</u>	9°				
				NAT	URE	OF RELI	EASE					
Type of Rele	ase Oil and	d Produced v	vater			Volume of	Release 2 bbls luced water	oil, V	Volume F	Recovered	0 bbls	
Source of Re				in the back press			lour of Occurrence	e D	Date and	Hour of Dis	covery	
			cking on	the wellhead to bl	ow out	05/11/2014						
Was Immedia	ite Notice Gi		Yes [No 🔲 Not Re	equired	If YES, To Geoffrey L	whom? eking-NMOCD					
By Whom?	Kathy Purv	vis, BBC Inte	ernational			Date and H	lour 05/12/2014	4 @ 3:05pi	m			
Was a Water	course Reach		v 57		,	If YES, Vo	lume Impacting t	he Waterco	ourse.			
If a Watercou			Yes 🛚									
	··											
A piece of rul of produced v	ber got stud	k in the back	pressure	valve which cause	ed the st ved, the	uffing box pa	cking to blow out packing was repla	on the we	ell head a no fluids	nd spill 2 bl were recove	ols of oi ered.	il and 8 bbls
Describe Area	Affected an	d Cleanup A	ction Tak	en.*								
Oberding of N	IMOCD via	email on 10/	20/2014.				n accordance with				·	
regulations all public health should their o	l operators ar or the enviro perations hav ment. In add	e required to nment. The re failed to a lition, NMO and/or regul	report an acceptance dequately CD accept ations.	d/or file certain re e of a C-141 repo investigate and re ance of a C-141 r	elease no rt by the mediate	otifications an NMOCD ma contamination	knowledge and ur d perform correct irked as "Final Re on that pose a thre a the operator of r	tive actions eport" does eat to grour esponsibili	s for rele s not relie nd water, ity for co	ases which ases the oper surface was mpliance w	may end ator of l ter, hum ith any	danger liability nan health
Signature: Cl	nris Joi	nes email=ck	signed by Chris hris Jones, o, ou Jones888@yaho 5.05.15 10:43:1	i, o.com,			OIL CONS	SERVA'	TION :	DIVISIO	<u>N</u>	
Printed Name	: Christopl		5.05.15 TUNS:11		A	Approved by I	Environmental Sp	ecialist:				
Title: HES	Specialist					Approval Date	<u>.</u>	Ехр	oiration I	Date:		
E-mail Addres	ss: Christo	pher_Jones@	oxy.com			Conditions of	Approval:			Attached		
Date:			Phone:	575-628-4121								

^{*} Attach Additional Sheets If Necessary



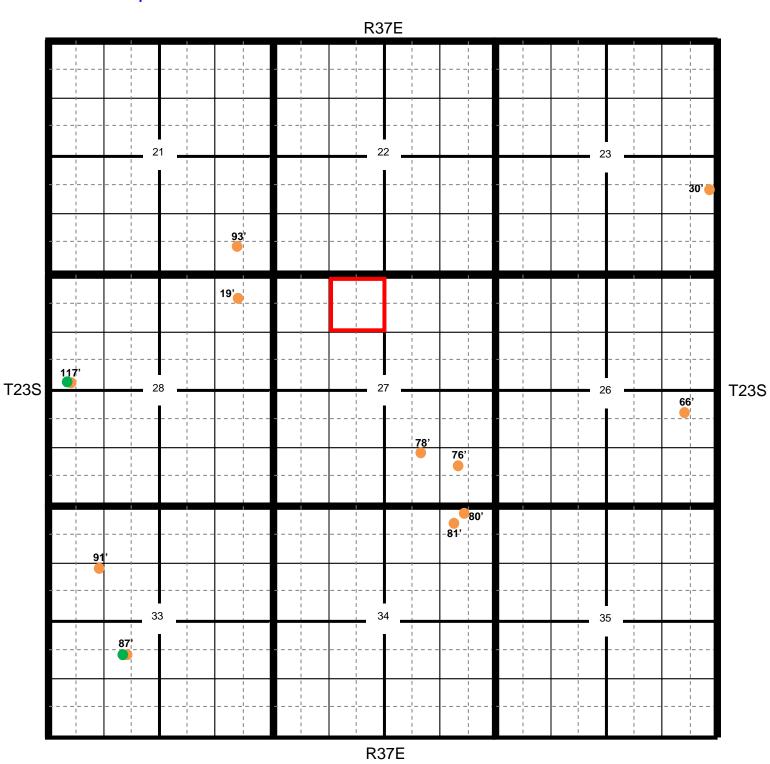


Groundwater Plot

Oxy CE Lamunyon #74

CountyUnit LetterSectionTownshipRangeLeaC2723S37E

Trend Map 50'-100'



Location

OCD

USGS

SEO

All Databases



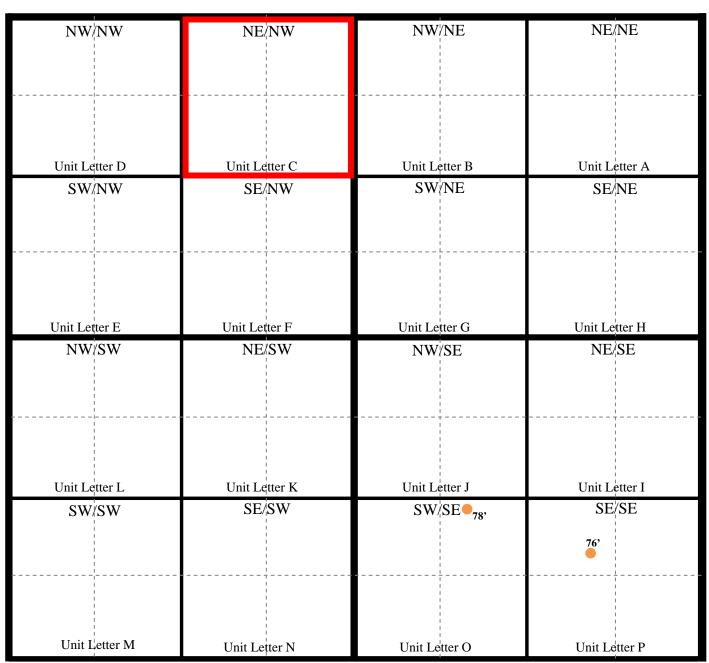
Section Quarters

Oxy CE Lamunyon #74

CountyUnit LetterSectionTownshipRangeLeaC2723S37E

Trend Map 50'-100'

1

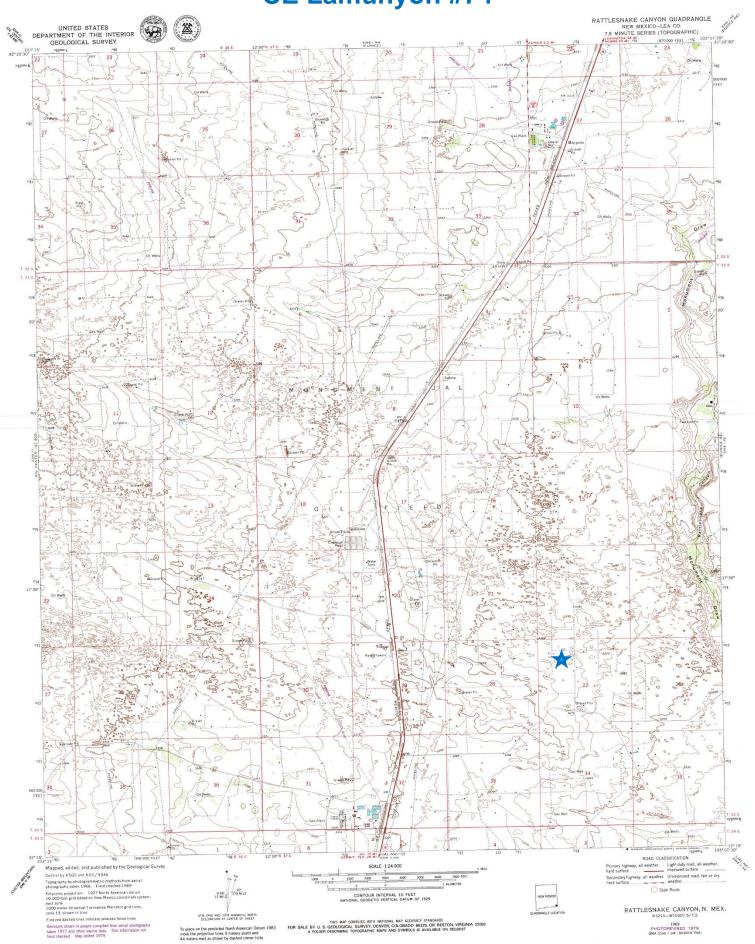


3

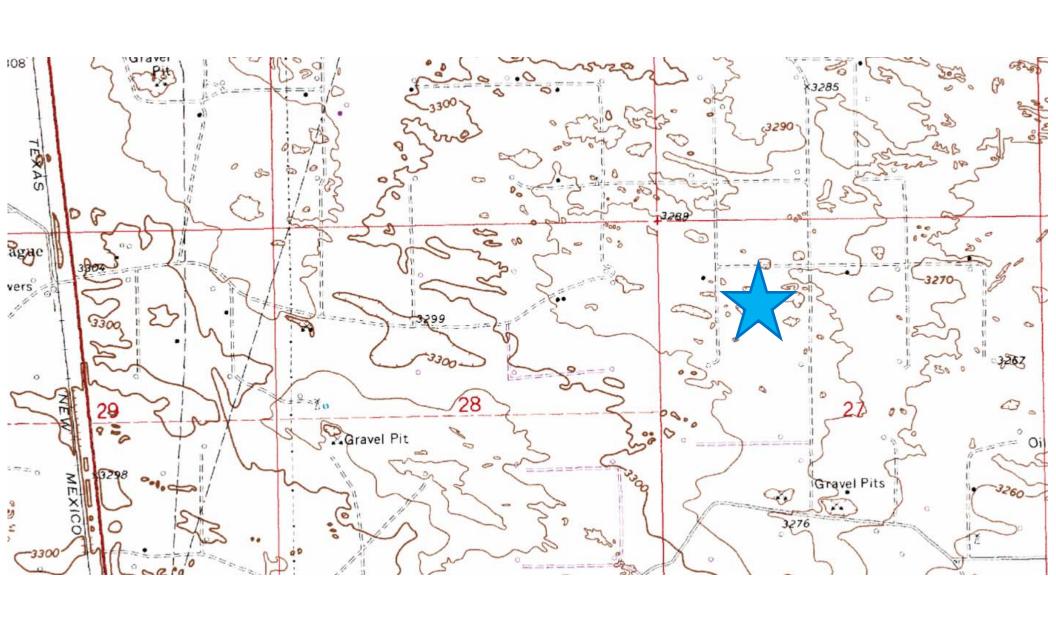
All Databases

Оху

CE Lamunyon #74



Oxy 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)

Celey D. Keine

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. 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 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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

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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

Project Name:C E LAMUNYON #74Sampling Condition:Cool & IntactProject Number:NONE GIVENSample Received By:Jodi HensonProject 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	Analyzed 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 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	119 %	63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

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JAL, NM - OXY

Analytical Results For:

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

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

Project Location:

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, SM4500CI-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 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	139 %	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: 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, SM4500CI-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 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	134 %	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: 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 Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: JAL, NM - OXY

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

BTEX 8021B	mg/	/kg	Analyze	ed 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 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	ed 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	ed 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 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	127	% 63 6-15	14						

127 % Surrogate: 1-Chlorooctadecane 63.6-154

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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 Sample Received By: Project Number: NONE GIVEN 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 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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 5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	120	% 63 6-15	4						

120 % Surrogate: 1-Chlorooctadecane 63.6-154

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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 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AP					
	Result	Departing Limit	Analyzed	Method Blank	BS	O/ Daggyon/	True Value QC	DDD	Qualifier
Analyte	Result	Reporting Limit	Allalyzeu	Mediod blank	D3	% Recovery	True value QC	RPD	Qualifier
,	192	16.0	07/22/2014	ND	416	% Recovery	400	0.00	Qualifier
Chloride		16.0	07/22/2014			•	·		S-06
•	192	16.0	07/22/2014	ND		•	·		S-06
Chloride TPH 8015M	192 mg/	16.0 'kg	07/22/2014 Analyze	ND d By: MS	416	104	400	0.00	•

Surrogate: 1-Chlorooctane 730 % 65.2-140
Surrogate: 1-Chlorooctadecane 240 % 63.6-154

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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 Sample Received By: Jodi Henson Project Number: NONE GIVEN

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, 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	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						
	200	0/ /2 / 15							

208 % 63.6-154 Surrogate: 1-Chlorooctadecane

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Celey D. Keine



JAL, NM - OXY

Analytical Results For:

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

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

Project Location:

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	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						

Surrogate: 1-Chlorooctadecane 122 % 63.6-154

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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, SM4500CI-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 9	% 63.6-15	4						

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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 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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	Cliff Brunson		P.O.#:						
Address: P.O. Box 805	30X 805		Company:						X
city: Hobbs	State: NM	Zip: 88241	Attn:						
Phone #: 575-397-6388	Fax#:	575-397-0397	Address: . S	\$		•			
Project #:	Project Owner:	7.10	city: 7	Ø		a de la composition della comp			
ame:	CE CEMMINEN # 7	74	State: Zip:						
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FOR LAB USE ONLY		MATRIX	PRESERV. SA	SAMPLING (Р ₁	<i>T.</i> ,			
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-24/6

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Relinquished By:

Phone Result: Fax Result: REMARKS:

Page 13 of 13

Kathy Purvis

From: Oberding, Tomas, EMNRD <Tomas.Oberding@state.nm.us>

Sent: Monday, October 20, 2014 1:09 PM

To: 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

BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
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Hobbs, NM 88240 USA
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