Closure Report

Site Description					
Site Name:	South Mattix Battery				
Company:	Oxy Permian Ltd.				
Legal Description:	U/L G, Section 15, T24S, R37E				
County:	Lea County, NM				
GPS Coordinates:	N 32.21699° W 103.14929°				

Release Data

Date of Release:	04/10/2014
Type of Release:	Oil
Source of Release:	External corrosion on a 2" line from the pump to the header
Volume of Release:	15 bbls
Volume Recovered:	1 bbl

Remediation Specifications							
Remediation Parameters:	Excavate to a depth of 3 feet in the area around SP1. Excavate to a depth of 1 foot in the area of SP2. Obtain confirmation field screens. Backfill the site with clean soil.						
Remediation Activities:	10/13/2014 to 10/20/2014						
Plan Sent to OCD: OCD Approval of Plan:	06/26/2014 07/01/2014	Email from Cliff Brunson to Geoffrey Leking Email from Geoffrey Leking to Cliff Brunson					
Plan Sent to BLM:	06/26/2014	Email from Cliff Brunson to J. Van Curen					

Supporting Documentation						
Initial C-141	Signed 04/15/2014					
Final C-141	Signed 11/03/2014					
Site Diagram	April 2014					
Groundwater Plot	75'-100'					
TOPO Maps	April 2014					
Lab Summary	04/28/2014 and 10/16/2014					
Lab Analysis	04/28/2014 and 10/16/2014					
Correspondence	Request and approval of remediation plan via email					

06/30/2014

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.

BLM Approval of Plan:

11/10/2014

Meeting between C. Brunson & J. Van Curen

State of New Mexico Energy Minerals and Natural Resources

> 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.

Form C-141

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Revised August 8, 2011

		11 ma	Rel	ease Notifi	catior	1 and Co	orrective A	ction				
						OPERAT	FOR	\boxtimes	Initi	al Report		Final Report
Name of Co		Oxy Permia					hancey Summe					
		tanolind Rd,		NM 88240		Telephone No. (575) 397-8216						
Facility Nar	ne Sout	h Mattix Ba	tery			Facility Typ	e Battery		-			
Surface Ow	ner Gro	bey		Mineral (Owner			1	API No			
				LOCA	ATION	N OF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/Wes	t Line	County		
	15	24S	37E							Lea		
]	Latitude <u>N 32.</u>	<u>21709°</u>	Longitu	de <u>W 103,1491</u>	<u>8°</u>				
				NAT	URE	OF RELI	EASE					
Type of Relea						Volume of		s V	olume F	Recovered	1 bbls	
Source of Rel circulating pu			on a 2" c	irculating line fro	m the		our of Occurrenc			Hour of Dis	covery	
Was Immedia		Hiven?				If YES, To						
		\boxtimes	Yes	No 🔲 Not Ro	equired							
By Whom?	Jennifer C					Date and H						
Was a Watero	ourse Read	hed?	Yes 🛛	No		If YES, Vo	lume Impacting t	he Waterco	urse.			
If a Watercou	The succe Train	moted Decem										
Describe Caus External corrector of oil and the	osion on a 2	?" circulating I	ine from t	1 Taken.* the circulating put	mp to the	header leake	d 15 bbis of oil o	onto the gro	und. A	vacuum true	ck recov	vered 1 bbls
Describe Area												
		ulu Cleanup A	cuou rak									
The affected a and the BLM.	rea is appr	oximately 40'	x 20' on l	ocation. Remedi	ation wil	l be complete	d in accordance v	with an app	roved re	emediation p	olan froi	m NMOCD
regulations all public health o should their op	operators for the enviroperations have been been been been been been been be	are required to onment. The ave failed to a ddition <u>, NMO</u>	report an acceptanc dequately CD_accep	is true and compl d/or file certain re e of a C-141 repo investigate and re tance of a C-141 t	elease no rt by the emediate	tifications an NMOCD ma contaminatio	d perform correct rked as "Final Re n that pose a thre the operator of re	tive actions port" does eat to groun esponsibilit	for rele not relie d water, y for co	ases which neve the open surface wate mpliance w	may end ator of l ter, hun ith any	danger liability an health
Constant and the second	<u> </u>	- the second sec	-)			OIL CONS	SERVAT	ION	DIVISIO	N	
Signature:	- de la compositione											
Printed Name:	Chance	y Summers			A	pproved by H	Environmental Sp	ecialist:				
Title: HES (Coordinato	r			A	pproval Date	:	Expi	ration I	Date:		
E-mail Addres	s: Chanc	vey_Summers	@oxy.com	1	c	onditions of .	Approval:			A		
Date: 4-1	15-19		Phone:	(575) 397-8210						Attached	L]	
ttach Additi			ry	· · · · · · · · · · · · · · · · · · ·	I.							<u></u>

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.

Santa Fe, NM 87505

Release Notification and Corrective Action
www.seliventeacion and corrective Action

	OPERATOR	Initial Report	Final Report
Name of Company Oxy Permian Ltd.	Contact Chancey Summers		
Address 1017 W. Stanolind Rd, Hobbs, NM 88240	Telephone No. (575) 397-8216	5	
Facility Name South Mattix Battery	Facility Type Battery		

Surface Owner Grobey

Mineral Owner

API No. 30-025-11111

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	15	24S	37E					Lea

Latitude <u>N 32.21699°</u> Longitude <u>W 103.14929°</u>

NATURE OF RELEASE

Type of Release Oil	Volume of Release 15 bbls	Volume Recovered 1 bbls
Source of Release External corrosion on a 2" circulating line from the	Date and Hour of Occurrence	Date and Hour of Discovery
circulating pump to the header	04/10/2014	
Was Immediate Notice Given?	If YES, To Whom?	
🛛 Yes 🔲 No 🔲 Not Required	Geoffrey Leking-NMOCD, Jennif	er Van Curen-BLM
By Whom? Jennifer Gilkey	Date and Hour 04/10/2014 @ 11	:41 am
Was a Watercourse Reached?	If YES, Volume Impacting the Wa	
🗌 Yes 🛛 No		
If a Watercourse was Impacted, Describe Fully.*		
The materiolation was implaced, possible fully.		
Describe Cause of Problem and Remedial Action Taken.*		
External correction on a 2" circulating line from the circulating summ to the		
External corrosion on a 2" circulating line from the circulating pump to the of oil and the line was repaired or replaced.	he header leaked 15 bbls of oil onto th	e ground. A vacuum truck recovered 1 bbls
or on and are mile was repaired or replaced.		
Describe Area Affected and Cleanup Action Taken.*		
The affected area is approximately 40' x 20' on location. Remediation w	ill be completed in accordance with an	n approved remediation plan from NMOCD
and the BLM.		
I hereby certify that the information given above is true and complete to t	he heat of my layers later and and	14-1
regulations all operators are required to report and/or file certain release r	ne best of my knowledge and understa	tions for releases which may an der ser
public health or the environment. The acceptance of a C-141 report by th	e NMOCD marked as "Final Report"	does not relieve the operator of lightling
should their operations have failed to adequately investigate and remediat	te contamination that pose a threat to g	round water, surface water, human health
or the environment. In addition, NMOCD acceptance of a C-141 report of	loes not relieve the operator of response	sibility for compliance with any other
federal, state, or local laws and/or regulations.	to be not reneve the operator of respond	nomey for compliance with any other
	OIL CONSERV	ATION DIVISION
Signature:		
Deinted Marrie Chan G	Approved by Environmental Specialis	st:
Printed Name: Chancey Summers	-	
Title: HES Coordinator	Approval Date:	Euroimption Datas
	Approvar Date:	Expiration Date:
E-mail Address: Chancey Summers@oxy.com	Conditions of Approval:	
	commons or reprover.	Attached 🔲
Date: 11- 3-14 Phone; (575) 397-8216		

* Attach Additional Sheets If Necessary





Groundwater Plot

Oxy South Mattix Battery



Location







Section Quarters

Oxy South Mattix Battery



Оху

South Mattix Battery





South Mattix Battery



Laboratory Analytical Results Summary South Mattix Battery

		Sample	SP1 @ Surface	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'	SP1 @ 5'
Analyte	Method	Date	4/28/14	4/28/14	4/28/14	4/28/14	4/28/14	4/28/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		0.263	1.70	5.16	<0.200	<0.050	<0.050
Toluene	BTEX 8021B		3.05	18.3	43.1	1.34	<0.050	<0.050
Ethylbenzene	BTEX 8021B		2.34	12.1	21.2	0.989	<0.050	< 0.050
Total Xylenes	BTEX 8021B		9.64	44.8	83.6	4.26	<0.150	<0.150
Total BTEX	BTEX 8021B		15.3	76.9	153	6.59	< 0.300	< 0.300
Chloride	SM4500CI-B		416	64.0	32.0	48.0	32.0	144
GRO	TPH 8015M		816	3200	6090	202	<50.0	<10.0
DRO	TPH 8015M		43300	9830	16800	1430	<50.0	<10.0

		Sample	SP2 @ Surface	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	4/28/14	4/28/14	4/28/14	4/28/14	4/28/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<2.00	0.129	<0.050	< 0.050
Toluene	BTEX 8021B		3.70	15.3	2.19	0.103	<0.050
Ethylbenzene	BTEX 8021B		2.38	10.5	1.16	0.076	< 0.050
Total Xylenes	BTEX 8021B		9.80	38.7	5.02	0.308	<0.150
Total BTEX	BTEX 8021B		15.9	64.6	8.50	0.486	< 0.300
Chloride	SM4500CI-B		512	48.0	16.0	16.0	160
GRO	TPH 8015M		579	1940	189	<100	<10.0
DRO	TPH 8015M		34400	6960	714	<100	<10.0

Laboratory Analytical Results Summary South Mattix Battery

Confirmation		Sample	SP1 @ 4' /confirmation	SP2 @ 2' /confirmation
Analyte	Method	Date	10/16/14	10/16/14
			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		64	48
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		589	471



May 05, 2014

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

RE: SOUTH MATTIX BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/29/14 10:40.

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 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:	04/29/2014	Sampling Date:	04/28/2014
Reported:	05/05/2014	Sampling Type:	Soil
Project Name:	SOUTH MATTIX BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 1 @ SURFACE (H401272-01)

BTEX 8260B	mg/	'kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.263	0.100	05/03/2014	ND	2.48	124	2.00	0.626	
Toluene*	3.05	0.100	05/03/2014	ND	2.13	107	2.00	5.57	
Ethylbenzene*	2.34	0.100	05/03/2014	ND	2.05	102	2.00	6.01	
Total Xylenes*	9.64	0.300	05/03/2014	ND	6.42	107	6.00	4.81	
Total BTEX	15.3	0.600	05/03/2014	ND					
Surrogate: Dibromofluoromethane	100 9	61.3-14	2						
Surrogate: Toluene-d8	101 9	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	168 9	65.7-14	1						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	04/30/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: CK					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	816	100	05/01/2014	ND	190	94.9	200	1.34	
DRO >C10-C28	43300	100	05/01/2014	ND	210	105	200	2.67	
Surrogate: 1-Chlorooctane	178 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	1200	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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:	04/29/2014	Sampling Date:	04/28/2014
Reported:	05/05/2014	Sampling Type:	Soil
Project Name:	SOUTH MATTIX BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 1 @ 1 (H401272-02)

BTEX 8260B	mg,	/kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.70	0.500	05/03/2014	ND	2.48	124	2.00	0.626	
Toluene*	18.3	0.500	05/03/2014	ND	2.13	107	2.00	5.57	
Ethylbenzene*	12.1	0.500	05/03/2014	ND	2.05	102	2.00	6.01	
Total Xylenes*	44.8	1.50	05/03/2014	ND	6.42	107	6.00	4.81	
Total BTEX	76.9	3.00	05/03/2014	ND					
Surrogate: Dibromofluoromethane	102	% 61.3-14	2						
Surrogate: Toluene-d8	111	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	183	% 65.7-14	1						
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	04/30/2014	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3200	100	05/01/2014	ND	190	94.9	200	1.34	
DRO >C10-C28	9830	100	05/01/2014	ND	210	105	200	2.67	
Surrogate: 1-Chlorooctane	210	% 65.2-14	0						

Cardinal Laboratories

*=Accredited Analyte

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:	04/29/2014	Sampling Date:	04/28/2014
Reported:	05/05/2014	Sampling Type:	Soil
Project Name:	SOUTH MATTIX BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 1 @ 2 (H401272-03)

BTEX 8260B	mg/	'kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	5.16	1.00	05/03/2014	ND	2.48	124	2.00	0.626	
Toluene*	43.1	1.00	05/03/2014	ND	2.13	107	2.00	5.57	
Ethylbenzene*	21.2	1.00	05/03/2014	ND	2.05	102	2.00	6.01	
Total Xylenes*	83.6	3.00	05/03/2014	ND	6.42	107	6.00	4.81	
Total BTEX	153	6.00	05/03/2014	ND					
Surrogate: Dibromofluoromethane	98.6	% 61.3-14	2						
Surrogate: Toluene-d8	112 9	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	161 9	65.7-14	1						
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	04/30/2014	ND	400	100	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	6090	200	05/01/2014	ND	184	92.1	200	3.15	
DRO >C10-C28	16800	200	05/01/2014	ND	203	101	200	3.24	
Surrogate: 1-Chlorooctane	244 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	304 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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:	04/29/2014	Sampling Date:	04/28/2014
Reported:	05/05/2014	Sampling Type:	Soil
Project Name:	SOUTH MATTIX BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 1 @ 3 (H401272-04)

BTEX 8260B	mg,	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	05/03/2014	ND	2.48	124	2.00	0.626	
Toluene*	1.34	0.200	05/03/2014	ND	2.13	107	2.00	5.57	
Ethylbenzene*	0.989	0.200	05/03/2014	ND	2.05	102	2.00	6.01	
Total Xylenes*	4.26	0.600	05/03/2014	ND	6.42	107	6.00	4.81	
Total BTEX	6.59	1.20	05/03/2014	ND					
Surrogate: Dibromofluoromethane	101	61.3-14	2						
Surrogate: Toluene-d8	101	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	129	65.7-14	1						
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	04/30/2014	ND	400	100	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	202	50.0	05/02/2014	ND	184	92.1	200	3.15	
DRO >C10-C28	1430	50.0	05/02/2014	ND	203	101	200	3.24	
Surrogate: 1-Chlorooctane	107 :	65.2-14	0						
Surrogate: 1-Chlorooctadecane	127 5	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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:	04/29/2014	Sampling Date:	04/28/2014
Reported:	05/05/2014	Sampling Type:	Soil
Project Name:	SOUTH MATTIX BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 1 @ 4 (H401272-05)

BTEX 8260B	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	05/03/2014	ND	2.48	124	2.00	0.626	
Toluene*	<0.050	0.050	05/03/2014	ND	2.13	107	2.00	5.57	
Ethylbenzene*	<0.050	0.050	05/03/2014	ND	2.05	102	2.00	6.01	
Total Xylenes*	<0.150	0.150	05/03/2014	ND	6.42	107	6.00	4.81	
Total BTEX	<0.300	0.300	05/03/2014	ND					
Surrogate: Dibromofluoromethane	102	% 61.3-14	2						
Surrogate: Toluene-d8	98.6	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	113 9	65.7-14	1						
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	04/30/2014	ND	400	100	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	<50.0	50.0	05/01/2014	ND	184	92.1	200	3.15	
DRO >C10-C28	<50.0	50.0	05/01/2014	ND	203	101	200	3.24	
Surrogate: 1-Chlorooctane	104	65.2-14	0						
Surrogate: 1-Chlorooctadecane	110 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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:	04/29/2014	Sampling Date:	04/28/2014
Reported:	05/05/2014	Sampling Type:	Soil
Project Name:	SOUTH MATTIX BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 1 @ 5 (H401272-06)

BTEX 8260B	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	05/03/2014	ND	2.48	124	2.00	0.626	
Toluene*	<0.050	0.050	05/03/2014	ND	2.13	107	2.00	5.57	
Ethylbenzene*	<0.050	0.050	05/03/2014	ND	2.05	102	2.00	6.01	
Total Xylenes*	<0.150	0.150	05/03/2014	ND	6.42	107	6.00	4.81	
Total BTEX	<0.300	0.300	05/03/2014	ND					
Surrogate: Dibromofluoromethane	97.7	% 61.3-14	2						
Surrogate: Toluene-d8	96.6	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	102	65.7-14	1						
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	04/30/2014	ND	400	100	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	05/01/2014	ND	184	92.1	200	3.15	
DRO >C10-C28	<10.0	10.0	05/01/2014	ND	203	101	200	3.24	
Surrogate: 1-Chlorooctane	110 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	106	63.6-15	4						

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*=Accredited Analyte

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:	04/29/2014	Sampling Date:	04/28/2014
Reported:	05/05/2014	Sampling Type:	Soil
Project Name:	SOUTH MATTIX BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 2 @ SURFACE (H401272-07)

BTEX 8260B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	05/03/2014	ND	2.48	124	2.00	0.626	
Toluene*	3.70	0.500	05/03/2014	ND	2.13	107	2.00	5.57	
Ethylbenzene*	2.38	0.500	05/03/2014	ND	2.05	102	2.00	6.01	
Total Xylenes*	9.80	1.50	05/03/2014	ND	6.42	107	6.00	4.81	
Total BTEX	15.9	3.00	05/03/2014	ND					
Surrogate: Dibromofluoromethane	97.8	% 61.3-14	12						
Surrogate: Toluene-d8	95.3	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	123 9	65.7-14	1						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	04/30/2014	ND	400	100	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	579	200	05/01/2014	ND	184	92.1	200	3.15	
DRO >C10-C28	34400	200	05/01/2014	ND	203	101	200	3.24	
Surrogate: 1-Chlorooctane	130 9	65.2-14	10						
Surrogate: 1-Chlorooctadecane	956 9	63.6-15	4						

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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:	04/29/2014	Sampling Date:	04/28/2014
Reported:	05/05/2014	Sampling Type:	Soil
Project Name:	SOUTH MATTIX BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 2 @ 1 (H401272-08)

BTEX 8260B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	05/03/2014	ND	2.48	124	2.00	0.626	
Toluene*	15.3	2.00	05/03/2014	ND	2.13	107	2.00	5.57	
Ethylbenzene*	10.5	2.00	05/03/2014	ND	2.05	102	2.00	6.01	
Total Xylenes*	38.7	6.00	05/03/2014	ND	6.42	107	6.00	4.81	
Total BTEX	64.6	12.0	05/03/2014	ND					
Surrogate: Dibromofluoromethane	101	% 61.3-14	12						
Surrogate: Toluene-d8	101	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	122	% 65.7-14	1						
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	04/30/2014	ND	400	100	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	1940	100	05/01/2014	ND	184	92.1	200	3.15	
DRO >C10-C28	6960	100	05/01/2014	ND	203	101	200	3.24	
Surrogate: 1-Chlorooctane	177	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	220	63.6-15	4						

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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:	04/29/2014	Sampling Date:	04/28/2014
Reported:	05/05/2014	Sampling Type:	Soil
Project Name:	SOUTH MATTIX BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 2 @ 2 (H401272-09)

BTEX 8260B	mg,	/kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.129	0.100	05/03/2014	ND	2.48	124	2.00	0.626	
Toluene*	2.19	0.100	05/03/2014	ND	2.13	107	2.00	5.57	
Ethylbenzene*	1.16	0.100	05/03/2014	ND	2.05	102	2.00	6.01	
Total Xylenes*	5.02	0.300	05/03/2014	ND	6.42	107	6.00	4.81	
Total BTEX	8.50	0.600	05/03/2014	ND					
Surrogate: Dibromofluoromethane	97.0	% 61.3-14	2						
Surrogate: Toluene-d8	102	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	148	% 65.7-14	1						
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	04/30/2014	ND	400	100	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	189	100	05/01/2014	ND	184	92.1	200	3.15	
DRO >C10-C28	714	100	05/01/2014	ND	203	101	200	3.24	
Surrogate: 1-Chlorooctane	90.1	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	147	% 63.6-15	4						

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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:	04/29/2014	Sampling Date:	04/28/2014
Reported:	05/05/2014	Sampling Type:	Soil
Project Name:	SOUTH MATTIX BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 2 @ 3 (H401272-10)

BTEX 8260B	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	05/03/2014	ND	2.48	124	2.00	0.626	
Toluene*	0.103	0.050	05/03/2014	ND	2.13	107	2.00	5.57	
Ethylbenzene*	0.076	0.050	05/03/2014	ND	2.05	102	2.00	6.01	
Total Xylenes*	0.308	0.150	05/03/2014	ND	6.42	107	6.00	4.81	
Total BTEX	0.486	0.300	05/03/2014	ND					
Surrogate: Dibromofluoromethane	97.8	% 61.3-14	2						
Surrogate: Toluene-d8	98.5	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	119 9	65.7-14	1						
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	04/30/2014	ND	400	100	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	<100	100	05/01/2014	ND	184	92.1	200	3.15	
DRO >C10-C28	<100	100	05/01/2014	ND	203	101	200	3.24	
Surrogate: 1-Chlorooctane	108	65.2-14	0						
Surrogate: 1-Chlorooctadecane	121	63.6-15	4						

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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:	04/29/2014	Sampling Date:	04/28/2014
Reported:	05/05/2014	Sampling Type:	Soil
Project Name:	SOUTH MATTIX BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 2 @ 4 (H401272-11)

BTEX 8260B	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	05/03/2014	ND	2.48	124	2.00	0.626	
Toluene*	<0.050	0.050	05/03/2014	ND	2.13	107	2.00	5.57	
Ethylbenzene*	<0.050	0.050	05/03/2014	ND	2.05	102	2.00	6.01	
Total Xylenes*	<0.150	0.150	05/03/2014	ND	6.42	107	6.00	4.81	
Total BTEX	<0.300	0.300	05/03/2014	ND					
Surrogate: Dibromofluoromethane	103	% 61.3-14	2						
Surrogate: Toluene-d8	99.3	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	105	% 65.7-14	1						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/30/2014	ND	400	100	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	05/01/2014	ND	184	92.1	200	3.15	
DRO >C10-C28	<10.0	10.0	05/01/2014	ND	203	101	200	3.24	
Surrogate: 1-Chlorooctane	104	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	107 5	% 63.6-15	4						

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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

101 (505 Company Name: B	101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476 re: BBC International Inc.	AD TO	ANALYSIS REQUEST
- 2 m - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Cliff Brunson	1074 072 10283	
S.	Box 805	Company:	
bbs	State: NM	Zip: 88241 Attn:	
Phone #: 575-397-6388	Fax #:	575-397-0397 Address:	
Project #:	Project Owner:	OXV City: Th	P
ame:	South Mattix Bette	Hery State: Zip:	
9	-	Phone #:	
Sampler Name:	FEFF ORNELS		
FOR LAB USE ONLY		p. MATRIX PRESERV. SAMPLING	
Lab I.D. Hubi272	Sample I.D.	(G)RAB OR (C)OMI # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE	TIME CL TPI BTE
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Relinquisbed By	tor related to the performance of services hereunder brid	Received By: Nemper Ciller	Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #: REMARKS:
Relinquished By:	Prilke Time: con	Rockived By: MM Junson	
Delivered By: (C	One)	Sample Condition CHECKED BY:	
Sampler - UPS - Bi	Bus - Other: 1.6	6 Pres Pres	
† Cardinal can	accept verbal changes. Plea	fax written changes to 505-393-2476	

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ARDINAL LABORATORIES 1015 Este Mariand, Hobbs, MR BRA 1005 1015 1005 State: NM 1015 State: NM 1016 Poleticitic 1017 State: NM 1018 Fax #: 575-397-6388 1019 Fax #: 575-397-6388 1019 Fax #: 575-397-6387 1010 State: NM 1010 State: NM 1011 Barbel Conner: 1011 Polet Conner: 1011 Polet Conner: 1011 Polet Conner: 1011 Sample LD. 1012 Sample LD. 1013 Sample LD. 1014 Sample LD. 1015 Sample LD. 1016 Sample LD. 1017 Sample LD. 1018 Sample LD. 1019 Sample LD. 1010 Sample LD. 1011 Sample LD. 1012 Sample LD.	PLEASE NOTE: Liability and Damages. Cardinal's liability and clean analyses. All claims including these for inegligencie and any other ca- server. Inno event shall Cardinal be liable for incidental or consequ- affiliates or successors arising out of or related to the performance of Relinquished By: Relinquished By: Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Stat Phone #: 575-397-6388 Fax # Project #: Project Name: Project Project Name: South Mathematical High Project Location: South Mathematical High Sampler Name: Hight Project Frostule USE ONLY Sample I.D. Sample I.D. HU01277 Sample I.D. Sample I.D.	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476
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	dirent for the subsidiaries, otherwise the Result:	VICE/COOL OTHER: UCE/COOL OTHER: DATE TI DATE TI	

Page 15 of 15



October 20, 2014

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

RE: SOUTH MATTIX BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/17/14 9:15.

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:	10/17/2014	Sampling Date:	10/16/2014
Reported:	10/20/2014	Sampling Type:	Soil
Project Name:	SOUTH MATTIX BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 1 @ 4' / CONFIRMATION (H403201-01)

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	10/17/2014	ND	1.74	86.8	2.00	4.70	
Toluene*	<0.050	0.050	10/17/2014	ND	1.73	86.6	2.00	4.59	
Ethylbenzene*	<0.050	0.050	10/17/2014	ND	1.74	87.0	2.00	4.74	
Total Xylenes*	<0.150	0.150	10/17/2014	ND	5.14	85.7	6.00	4.45	
Total BTEX	<0.300	0.300	10/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	61-154							
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	10/17/2014	ND	400	100	400	3.92	
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	10/17/2014	ND	188	93.9	200	0.805	
DRO >C10-C28	589	10.0	10/17/2014	ND	190	95.0	200	2.86	
Surrogate: 1-Chlorooctane	111.0	47.2.15	7						
8	111 %	<i>47.2-157</i>	/						

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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:	10/17/2014	Sampling Date:	10/16/2014
Reported:	10/20/2014	Sampling Type:	Soil
Project Name:	SOUTH MATTIX BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

Sample ID: SP 2 @ 2' / CONFIRMATION (H403201-02)

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	10/17/2014	ND	1.74	86.8	2.00	4.70	
Toluene*	<0.050	0.050	10/17/2014	ND	1.73	86.6	2.00	4.59	
Ethylbenzene*	<0.050	0.050	10/17/2014	ND	1.74	87.0	2.00	4.74	
Total Xylenes*	<0.150	0.150	10/17/2014	ND	5.14	85.7	6.00	4.45	
Total BTEX	<0.300	0.300	10/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 61-154							
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	10/17/2014	ND	416	104	400	3.92	
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	10/17/2014	ND	188	93.9	200	0.805	
DRO >C10-C28	471	10.0	10/17/2014	ND	190	95.0	200	2.86	
Surrogate: 1-Chlorooctane	111 9	47.2-15	7						
Surrogate: 1-Chlorooctadecane	127 9	52.1-17	6						

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Celez D. Keine

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

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 5

		al Inc.	BILL TO	ANALYSIS REQUEST
State: NM Zip: B8241 Attn:: Fax #: 575-397-0397 Address: City: State: Zip: M	ct Manager: Cliff Brunson	•		
State: NM zp:: 89241 Attn:: Fax #: 575-397-0397 Address: Phone #: untry, NM Phone #: Phone #: Phone #: Intels Fax #: 575-397-0397 Address: Intels State: Zip: Phone #: Intels Fax #: Zip: Phone #: Intels Pressent Sample I.D. Pressent Sample I.D. Sample I.D. QRAB OR ICLODE Fax #: Zip: Phone #: Intels Pressent Sample I.D. DATE INTEL DATE Intel final Hold GIP GRAB OR ICLODE Pressent Sample I.D. DATE INTEL Intel final Hold GIP GRAB OR ICLODE Pressent Sample I.D. DATE INTEL INTEL 27 ONH (MAHON GIP GRAB OR ICLODE INTEL TIME DATE INTEL INTEL INTEL 27 ONH (MAHON GIP GRAB OR ICLODE INTEL TIME DATE INTEL GRAB INTEL INTEL	ess: P.O. Box 805		Company:	
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Jeff Ornelas Fax #: Sample I.D. Native SP1 @ 4" (0)Mf(M)AHOV SP2 @ 2"	act Location: Lea County, NM		Phone #:	
SP1@ 4' / CM/T/MAHON G/G/RAB OR C/C/OMP. SP2@ 2' / CM/T/MAHON G/G/G/RAB OR C/C/OMP. SP2@ 2' / CM/T/MAHON G/G/G/G/G/G/G/G/G/G/G/G/G/G/G/G/G/G/G/			Fax #:	
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Yes No	SE NOTE: Liability and Damages. Cardinal's liability and c ses. All claims including those for negligence and any othe	client's exclusive remedy for any claim arising whether based in her cause whatsoever shall be deemed waived unless made in w	contract or tort, shall be limited to the amount paid by the riting and received by Cardinal within 30 days after comple	lient for the into a fine applicable uubsidiaries.
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Kathy Purvis

From:	Leking, Geoffrey R, EMNRD <geoffreyr.leking@state.nm.us></geoffreyr.leking@state.nm.us>
Sent:	Tuesday, July 01, 2014 2:42 PM
То:	Cliff P. Brunson
Cc:	C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	OCD Concurrence with Various OXY Remediation Plans

Cliff

The OCD concurs with the :

- 1) OXY-State C Trac 11 Battery-Remediation Plan
- 2) OXY-Fred Turner JR B Battery-Remediation Plan
- 3) OXY-Federal 27 #8-Remediation Plan
- 4) OXY-MLMU #98-Remediation Plan
- 5) OXY-South Mattix Battery-Remediation Plan
- 6) OXY-MLMU Satellite #2-Remediation Plan
- 7) OXY-MLMU #71-Remediation Plan

Approval of the Red Tank 35 Fed #3 Remediation Plan is dependent on your response regarding the excavation depth at SP2 and SP3. Thanks Cliff.

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: Thursday, June 26, 2014 8:30 PM
To: Leking, Geoffrey R, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY-State C Trac 11 Battery-Remediation Plan

Geoff,

This e-mail is to confirm our conversation on June 19, 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 4 feet in the area around SP1, 1 foot in the areas of SP2 and SP3, 2 feet in the area of SP4, and 1 foot in the areas of SP5 and SP6 as depicted on the attached site diagram. Then the site will then be backfilled with clean soil.

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 Shipping Address: 1324 W. Marland St. Hobbs, NM 88240 USA Phone: (575) 397-6388 Fax: (575) 397-6387 E-Mail: cbrunson@bbcinternational.com

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Kathy Purvis

From:	Cliff P. Brunson < cbrunson@bbcinternational.com>
Sent:	Thursday, June 26, 2014 8:20 PM
То:	Jennifer Van Curen
Cc:	C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	OXY-South Mattix Battery-Remediation Plan
Attachments:	Remediation Packet, South Mattix Battery.pdf

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 3 feet in the area around SP1 and excavate to a depth of 1 foot in the area of SP2 as depicted on the attached site diagram. Then the site 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) 397-6388 Fax: (575) 397-0397 E-Mail: cbrunson@bbcinternational.com

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