Site Description					
Site Name:	East Eumont Unit #35				
Company:	Oxy Permian Ltd.				
Legal Description:	U/L K, Section 10, T19S, R37E				
County:	Lea County, NM				
GPS Coordinates:	N 32.67292° W 103.24139°				

	Release Data					
Date of Release:	11/02/2015					
Type of Release:	Produced water					
Source of Release:	Corrosion of the fitting on high pressure hose					
Volume of Release:	100 bbls					
Volume Recovered:	95 bbls					

Remediation Specifications					
Remediation Parameters:	Excavate the entire leak area to a depth of 6 inches except in the area of SP4 where excavation will be 2 feet deep. Backfill the site with clean soil.				
Remediation Activities:	03/08/2016 to 03/18/2016				

Plan Sent to OCD:	01/27/2016	Email from Cliff Brunson to Kellie Jones
OCD Approval of Plan:	01/29/2016	Email from Kellie Jones 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 11/11/2015				
Final C-141	Signed 03/21/2016				
Site Diagram	November 2015				
Groundwater Plot	<50				
TOPO Maps	November 2015				
Lab Summary	11/19/2015 and 12/01/2015				
Lab Analysis	11/19/2015 and 12/01/2015				
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. 03/24/2016 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 I Copy to appropriate District Office in accordance with 19.15.29 NMAC.

			Rel	ease Notifi	catio	n and C	orrective A	ction				
Nome - CC		<u> </u>		······································		OPERA	TOR		⊠ Init	ial Report	П	Final Repo
		Oxy Permia		10.5		Contact Dusty Wilson						
	me East	rive, Midland Eumont Unit	#35	/05		Telephone No. 432-685-5771 Facility Type Well location						
						racinty Ty	e Well locatio	n	.			
Surface Ox	ner State		···	Mineral (Owner				API No	o. 30-025-0	1955	
Hairt an	l n	T =	- · · · · · · · · · · · · · · · · · · ·			N OF REI	LEASE					
Unit Letter K	Section 10	Township 195	Range 37E	Feet from the	North	South Line	Feet from the	East/W	est Line	County	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	s
				ıtitude <u>32.67</u>	30292	Longita	ıde <u>103.24139</u>	<u></u>		Lea_	-	
######################################				NAT	URE	OF RELI	EASIE	·				
Type of Rele	ise Produ	ced water			UILL		Release 100 bb	ls I	Volume F	ecovered 9	5 bble	
Source of Rel	ease Corro	sion of the fitt	ing on hig	h pressure hose		Date and H	our of Occurrence		Date and	Hour of Disc	overy	
Was Immedia	te Notice C	iven?	<u> </u>			11/2/15 If YES, To	Whom?					
				No 🔲 Not Re	quired		, Jamie Keyes					
By Whom? K Was a Waterc	ethy Purvis	@ BBC Inter	national			Date and He		:25 pm	*************************************	······································		
was a watere	ourse Reac		Yes 🗵	No		If YES, Vol	ume Impacting th	e Waterc	ourse.	**************************************		
If a Watercour	se was linp	acted, Describ	c Fully.*				<u> </u>					
_	fitting on a	1" high pressi	ure rubber	hose at the well	head. A	vacuum truck	recovered 95 bb	ls of prod	uced wat	er and the fit	ling is b	eing
Describe Area	Affected an	d Cleanup Ac	tion Taken	.*		·						
4	••	,					ocation. Remedia					
public health or should their ope	the enviror rations hav ent. In add	ment. The ac c failed to ade ition. NMOCI	ceptance of quately inv	fa C-141 report	by the N	MOCD mark	owledge and und perform correctived as "Final Reputhat pose a threat that pose a threat he operator of res	e actions ort" does	for releasing to the relieve to the	ses which ma e the operate	ry endan or of liab	nger bility
Signature:,	OIL CONSERVATION DIVISION											
Printed Name:	Dusty Wil	ion			Ap	proved by En	vironmental Spec	ialist:				
Title: Environ	mental Adv	risor			Apı	oroval Date:		Expiration Date:				
E-mail Address:	: Dusty	Wlison@oxy	.com		Cor	Conditions of Approval:			Attached []		
Date: //////5 Attach Addition	al Sheets	If Necessary	Phone:			·		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				

<u>District I</u> 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

* Attach Additional Sheets If Necessary

State of New Mexico **Energy Minerals and Natural Resources**

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

Form C-141

Revised August 8, 2011

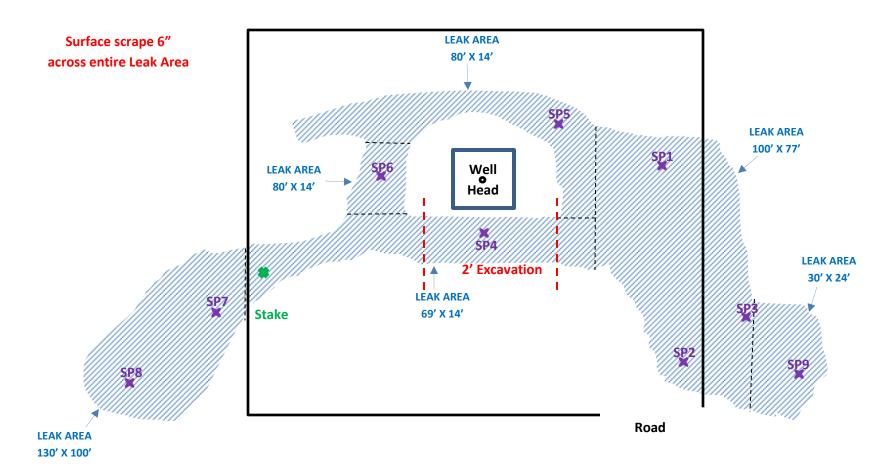
Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

	Release Notification and Corrective Action										
						OPERA'	ГOR	☐ Initi	al Report	\boxtimes	Final Repor
Name of Co		Oxy Permian					Casey Summers				
		ive, Midland		05		Telephone I					
Facility Nai	ne East E	umont Unit	#35		I	racility Typ	e Well locatio	n			
Surface Ow	ner State			Mineral C	Owner			API No	. 30-025-0)5591	
					_	OF RE	LEASE				
Unit Letter K	Section 10	Township 19S	Range 37E	Feet from the	North/S	South Line	Feet from the	East/West Line	County Lea		
			L	atitude32.67	30292	Longite	ude_103.24139	_			
			01	NAT	TURE	OF REL	EASE				
Type of Rele							Release 100 bb	ls Volume l	Recovered	95 bbls	
Source of Release Corrosion of the fitting on high pressure hose							lour of Occurrenc	e Date and	Hour of Dis	covery	
Was Immedia	nte Notice C	Siven?				11/2/15 If YES, To	Whom?				
Was Immedia	ate i votice c		Yes 🗌	No 🗌 Not Re	equired		s, Jamie Keyes				
By Whom? k	Cathy Purvis	s @ BBC Inte	rnational			Date and F	lour 11/2/15	3:25 pm			
Was a Water	Was a Watercourse Reached? ☐ Yes ☒ No If YES, Volume Impacting the Watercourse.										
If a Watercou	irse was Im	pacted, Descri	ibe Fully.*								
	•		•								
Describe Cau	ise of Proble	em and Reme	dial Actior	n Taken.*							
Corrosion of	a fitting on	a 1" high nre	ssure rubbo	er hose at the wel	l head A	. vacini m tr ii	rk recovered 95 h	bls of produced wa	ater and the i	fitting i	s heinn
repaired.		a i iiigii piei	2000	n nobe at the wei	11000.71	, vacaum (ro	in recovered 75 b	or produced wi	iter and the	inting i	3 oemg
Describe Are	a Affected :	and Cleanup A	Action Tak	en.*							
		· -									
							flocation. Remed	diation was comple	eted in accor	dance	with the
remediation p	лан арргом	su by Keille J	ones of Mr	MOCD via email	OD 01/29	72010.					
I hereby certi	fy that the i	nformation gi	ven above	is true and comp	lete to th	e best of my	knowledge and u	nderstand that pur- tive actions for rel	suant to NM	OCD n	ales and
public health	or the envir	onment. The	acceptanc	e of a C-141 repo	ort by the	NMOCD m	arked as "Final R	eport" does not rel	eases which leve the ope	may er rator of	ldanger Hiability
should their o	perations h	ave failed to a	adequately	investigate and re	emediate	contaminati	on that pose a thre	at to ground wate	r, surface wa	iter, hui	man health
or the environ	nment. In a	ddition, NMC vs and/or regu	CD accept	tance of a C-141	report do	es not reliev	e the operator of i	esponsibility for c	ompliance v	vith any	other
rederal, state,	or tocarray	vs androi regu	nations.				OIL CONS	SERVATION	DIVISIO	N	
	1:1				-		OID COIN	<u>JERCY ATTION</u>	DIVIDIO	<u>/1 \</u>	
Signature:	<u> </u>							pacialist Jam	Ellyer		
Printed Name	e: Casey S	ummers			_ P	Approved by	Environmental Sp	pecialist:	/		
							03/25/2016		Date: ///		
Title: NM	Environmer	ntal Advisor				Approval Dat	e:	Expiration	Date: ""		
E-mail Addre	ss: : Ca	sey_Summers	@oxy.cor	n	c	Conditions of Approval:			Attanhad		
Date: 3-21-1C Phone: (575) 513-8289 /// IRP 3977											

N 1

Оху

East Eumont Unit #35



UL K, Section 10, T19S, R37E Lea County, NM N 32.67292° W 103.24139° API# 30-025-05591

BBC International, Inc.

Oxy East Eumont Unit #35

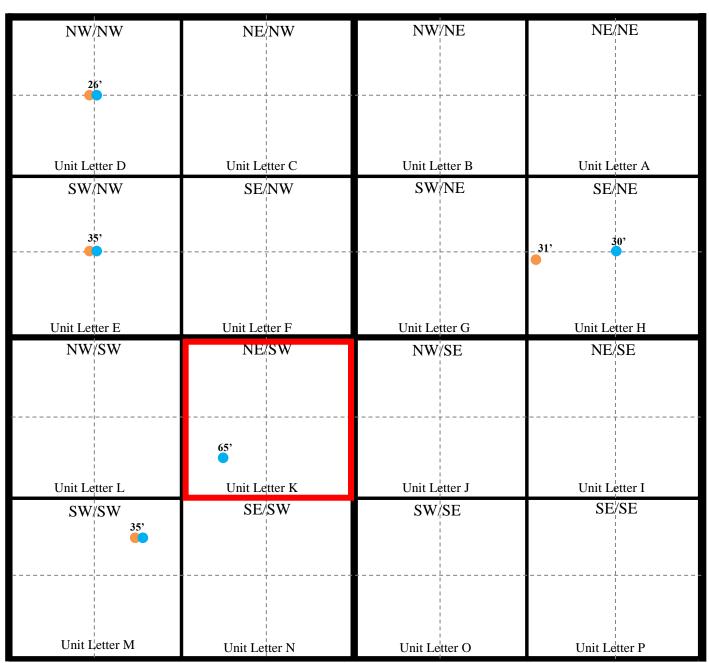
Date: 11/11/2015	DRWG by: J Gilkey
NOT TO SCALE	File: Oxy 2015

Oxy East Eumont Unit #35

CountyUnit LetterSectionTownshipRangeLeaK1019S37E

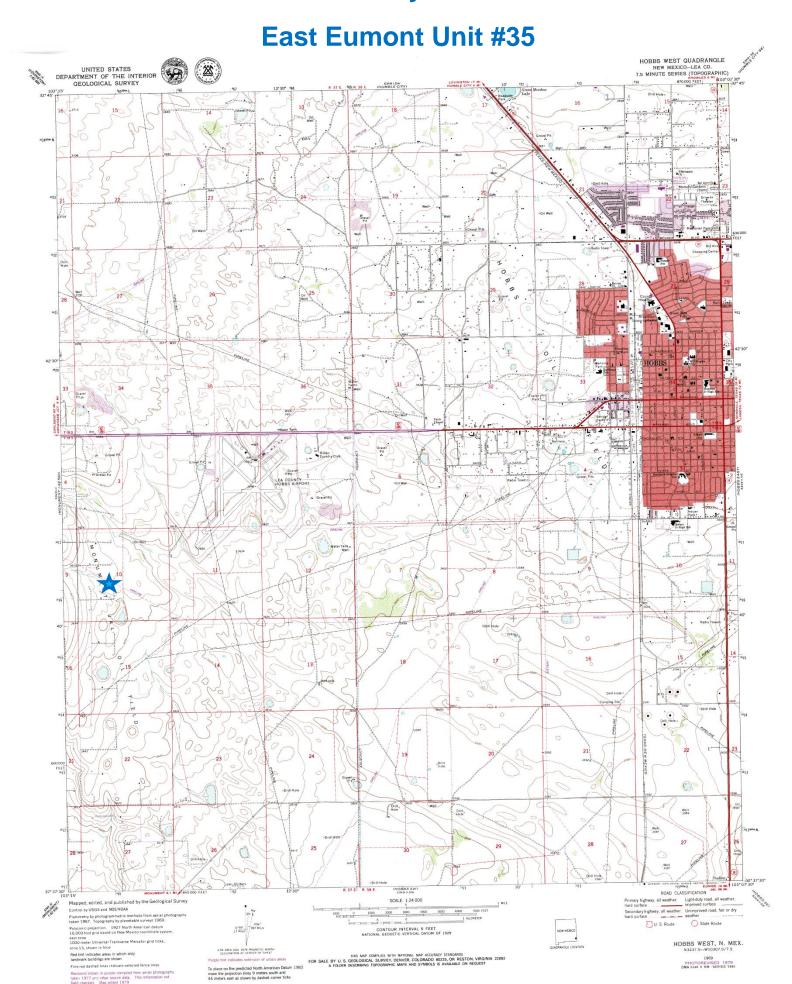
Trend Map <50'

1



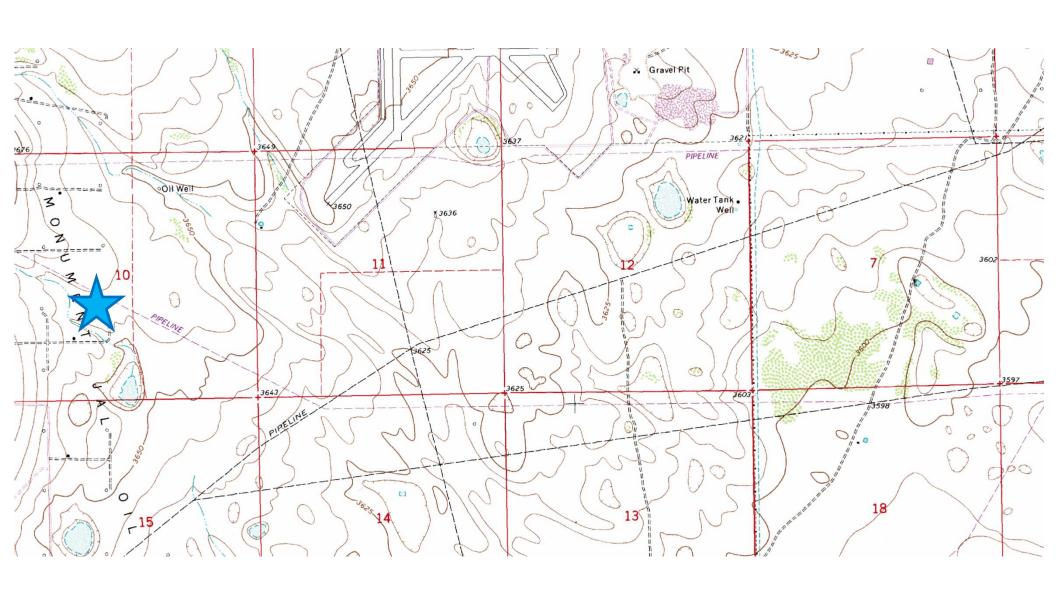
3

Оху



Оху

East Eumont Unit #35



Laboratory Analytical Results Summary East Eumont Unit #35

		Sample	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	11/19/15	12/1/15
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	n/a
Toluene	BTEX 8021B	1	< 0.050	n/a
Ethylbenzene	BTEX 8021B		< 0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a
Total BTEX	BTEX 8021B		< 0.300	n/a
Chloride	SM4500CI-B		336	224
GRO	TPH 8015M		<10.0	n/a
DRO	TPH 8015M		<10.0	n/a

		Sample	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	11/19/15	12/1/15
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	n/a
Toluene	BTEX 8021B		< 0.050	n/a
Ethylbenzene	BTEX 8021B		< 0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a
Total BTEX	BTEX 8021B	1	< 0.300	n/a
Chloride	SM4500CI-B		304	288
GRO	TPH 8015M		<10.0	n/a
DRO	TPH 8015M		<10.0	n/a

		Sample	SP3 @ 1'	SP3 @ 2'
Analyte	Method	Date	11/19/15	12/1/15
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	n/a
Toluene	BTEX 8021B		< 0.050	n/a
Ethylbenzene	BTEX 8021B	1	< 0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a
Total BTEX	BTEX 8021B		< 0.300	n/a
Chloride	SM4500CI-B		448	144
GRO	TPH 8015M		<10.0	n/a
DRO	TPH 8015M		<10.0	n/a

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 3.5'
Analyte	Method	Date	11/19/15	11/19/15	12/1/15	12/1/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		<0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	< 0.150	< 0.150	< 0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		832	640	208	160
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		18.2	176	<10.0	<10.0

		Sample	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'	SP5 @ 3.5'
Analyte	Method	Date	11/19/15	11/19/15	12/1/15	12/1/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	n/a	n/a
Toluene	BTEX 8021B		< 0.050	< 0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	n/a	n/a
Total Xylenes	BTEX 8021B		< 0.150	< 0.150	n/a	n/a
Total BTEX	BTEX 8021B		< 0.300	< 0.300	n/a	n/a
Chloride	SM4500CI-B		784	528	128	112
GRO	TPH 8015M		<10.0	<10.0	n/a	n/a
DRO	TPH 8015M		13.2	74.8	n/a	n/a

		Sample	SP6 @ 1'	SP6 @ 2'	SP6 @ 3'
Analyte	Method	Date	11/19/15	11/19/15	12/1/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	n/a
Toluene	BTEX 8021B		< 0.050	< 0.050	n/a
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	< 0.150	n/a
Total BTEX	BTEX 8021B		< 0.300	< 0.300	n/a
Chloride	SM4500CI-B		656	448	128
GRO	TPH 8015M		<10.0	<10.0	n/a
DRO	TPH 8015M		<10.0	53.4	n/a

		Sample	SP7 @ 1'	SP7 @ 2'	SP7 @ 3'
Analyte	Method	Date	11/19/15	11/19/15	12/1/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	n/a
Toluene	BTEX 8021B		< 0.050	< 0.050	n/a
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	n/a
Total Xylenes	BTEX 8021B		< 0.150	< 0.150	n/a
Total BTEX	BTEX 8021B		< 0.300	< 0.300	n/a
Chloride	SM4500CI-B		224	384	160
GRO	TPH 8015M		<10.0	<10.0	n/a
DRO	TPH 8015M		<10.0	51.6	n/a

		Sample	SP8 @ 1'	SP8 @ 2'	SP8 @ 3'
Analyte	Method	Date	11/19/15	11/19/15	12/1/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	n/a
Toluene	BTEX 8021B		< 0.050	< 0.050	n/a
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	n/a
Total Xylenes	BTEX 8021B		< 0.150	< 0.150	n/a
Total BTEX	BTEX 8021B		< 0.300	< 0.300	n/a
Chloride	SM4500CI-B		224	336	112
GRO	TPH 8015M		<10.0	<10.0	n/a
DRO	TPH 8015M		<10.0	22.1	n/a

		Sample	SP9 @ 1'	SP9 @ 2'
Analyte	Method	Date	11/19/15	12/1/15
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	n/a
Toluene	BTEX 8021B		< 0.050	n/a
Ethylbenzene	BTEX 8021B		< 0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a
Total BTEX	BTEX 8021B		< 0.300	n/a
Chloride	SM4500CI-B		288	128
GRO	TPH 8015M		<10.0	n/a
DRO	TPH 8015M		<10.0	n/a



December 01, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: EAST EUMONT #35

Enclosed are the results of analyses for samples received by the laboratory on 11/23/15 16:55.

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.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 11/23/2015 Sampling Date: 11/19/2015

Reported: 12/01/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP1 @ 1' (H503093-01)

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	11/25/2015	ND	2.11	106	2.00	3.99	
Toluene*	<0.050	0.050	11/25/2015	ND	2.11	105	2.00	4.90	
Ethylbenzene*	<0.050	0.050	11/25/2015	ND	2.22	111	2.00	4.05	
Total Xylenes*	<0.150	0.150	11/25/2015	ND	6.40	107	6.00	3.31	
Total BTEX	<0.300	0.300	11/25/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	73.6-14	0						
Chloride, SM4500CI-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	11/25/2015	ND	416	104	400	3.77	
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	11/24/2015	ND	198	98.8	200	2.97	
DRO >C10-C28	<10.0	10.0	11/24/2015	ND	197	98.6	200	3.60	
Surrogate: 1-Chlorooctane	103 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	111 9	6 28-171							

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: 11/23/2015 Sampling Date: 11/19/2015

Reported: 12/01/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: **NOT GIVEN**

Sample ID: SP2 @ 1' (H503093-02)

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	11/25/2015	ND	2.11	106	2.00	3.99	
Toluene*	<0.050	0.050	11/25/2015	ND	2.11	105	2.00	4.90	
Ethylbenzene*	<0.050	0.050	11/25/2015	ND	2.22	111	2.00	4.05	
Total Xylenes*	<0.150	0.150	11/25/2015	ND	6.40	107	6.00	3.31	
Total BTEX	<0.300	0.300	11/25/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 73.6-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	11/25/2015	ND	416	104	400	3.77	
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	11/24/2015	ND	198	98.8	200	2.97	
DRO >C10-C28	<10.0	10.0	11/24/2015	ND	197	98.6	200	3.60	
Surrogate: 1-Chlorooctane	93.5	% 35-147	,						
Surrogate: 1-Chlorooctadecane	103	% 28-171							

Surrogate: 1-Chlorooctadecane 103 % 28-171

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/23/2015 Sampling Date: 11/19/2015

Reported: 12/01/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Jodi Henson

Project Location: **NOT GIVEN**

Sample ID: SP3 @ 1' (H503093-03)

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	11/25/2015	ND	2.11	106	2.00	3.99	
Toluene*	<0.050	0.050	11/25/2015	ND	2.11	105	2.00	4.90	
Ethylbenzene*	<0.050	0.050	11/25/2015	ND	2.22	111	2.00	4.05	
Total Xylenes*	<0.150	0.150	11/25/2015	ND	6.40	107	6.00	3.31	
Total BTEX	<0.300	0.300	11/25/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	11/25/2015	ND	416	104	400	3.77	
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	11/24/2015	ND	198	98.8	200	2.97	
DRO >C10-C28	<10.0	10.0	11/24/2015	ND	197	98.6	200	3.60	
Surrogate: 1-Chlorooctane	93.8	% 35-147							
Surrogate: 1-Chlorooctadecane	104 9	% 28-171							

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

Fax To: (575) 397-0397

Received: 11/23/2015 Sampling Date: 11/19/2015

Reported: 12/01/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Jodi Henson

Project Location: **NOT GIVEN**

Sample ID: SP4 @ 1' (H503093-04)

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	11/25/2015	ND	2.11	106	2.00	3.99	
Toluene*	<0.050	0.050	11/25/2015	ND	2.11	105	2.00	4.90	
Ethylbenzene*	<0.050	0.050	11/25/2015	ND	2.22	111	2.00	4.05	
Total Xylenes*	<0.150	0.150	11/25/2015	ND	6.40	107	6.00	3.31	
Total BTEX	<0.300	0.300	11/25/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	11/30/2015	ND	416	104	400	3.77	
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	11/24/2015	ND	198	98.8	200	2.97	
DRO >C10-C28	18.2	10.0	11/24/2015	ND	197	98.6	200	3.60	
Surrogate: 1-Chlorooctane	94.9	% 35-147							
	105.6	20.171							

105 % 28-171 Surrogate: 1-Chlorooctadecane

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Received: 11/23/2015 Sampling Date: 11/19/2015

Reported: 12/01/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP4 @ 2' (H503093-05)

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	11/25/2015	ND	2.11	106	2.00	3.99	
Toluene*	<0.050	0.050	11/25/2015	ND	2.11	105	2.00	4.90	
Ethylbenzene*	<0.050	0.050	11/25/2015	ND	2.22	111	2.00	4.05	
Total Xylenes*	<0.150	0.150	11/25/2015	ND	6.40	107	6.00	3.31	
Total BTEX	<0.300	0.300	11/25/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	% 73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	11/30/2015	ND	416	104	400	3.77	
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	11/24/2015	ND	198	98.8	200	2.97	
DRO >C10-C28	176	10.0	11/24/2015	ND	197	98.6	200	3.60	
Surrogate: 1-Chlorooctane	106 %	35-147	7						

Surrogate: 1-Chlorooctadecane 119 % 28-171

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Received: 11/23/2015 Sampling Date: 11/19/2015

Reported: 12/01/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP5 @ 1' (H503093-06)

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	11/25/2015	ND	2.11	106	2.00	3.99	
Toluene*	<0.050	0.050	11/25/2015	ND	2.11	105	2.00	4.90	
Ethylbenzene*	<0.050	0.050	11/25/2015	ND	2.22	111	2.00	4.05	
Total Xylenes*	<0.150	0.150	11/25/2015	ND	6.40	107	6.00	3.31	
Total BTEX	<0.300	0.300	11/25/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	% 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	11/30/2015	ND	416	104	400	3.77	
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	11/24/2015	ND	198	98.8	200	2.97	
DRO >C10-C28	13.2	10.0	11/24/2015	ND	197	98.6	200	3.60	
Surrogate: 1-Chlorooctane	101 %	35-147	,						

Surrogate: 1-Chlorooctadecane 111 % 28-171

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NOT GIVEN

Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/23/2015 Sampling Date: 11/19/2015

Reported: 12/01/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location:

DRO >C10-C28

Sample ID: SP5 @ 2' (H503093-07)

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	11/25/2015	ND	2.11	106	2.00	3.99	
Toluene*	<0.050	0.050	11/25/2015	ND	2.11	105	2.00	4.90	
Ethylbenzene*	<0.050	0.050	11/25/2015	ND	2.22	111	2.00	4.05	
Total Xylenes*	<0.150	0.150	11/25/2015	ND	6.40	107	6.00	3.31	
Total BTEX	<0.300	0.300	11/25/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 73.6-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	11/30/2015	ND	416	104	400	3.77	
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	11/24/2015	ND	198	98.8	200	2.97	

ND

197

98.6

200

3.60

11/24/2015

Surrogate: 1-Chlorooctane 97.4 % 35-147

74.8

10.0

Surrogate: 1-Chlorooctadecane 113 % 28-171

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Received: 11/23/2015 Sampling Date: 11/19/2015

Reported: 12/01/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP6 @ 1' (H503093-08)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2015	ND	2.11	106	2.00	3.99	
Toluene*	<0.050	0.050	11/25/2015	ND	2.11	105	2.00	4.90	
Ethylbenzene*	<0.050	0.050	11/25/2015	ND	2.22	111	2.00	4.05	
Total Xylenes*	<0.150	0.150	11/25/2015	ND	6.40	107	6.00	3.31	
Total BTEX	<0.300	0.300	11/25/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 73.6-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	11/30/2015	ND	416	104	400	3.77	
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	11/24/2015	ND	198	98.8	200	2.97	
DRO >C10-C28	<10.0	10.0	11/24/2015	ND	197	98.6	200	3.60	
Surrogate: 1-Chlorooctane	92.2	% 35-147	7						
Surrogate: 1-Chlorooctadecane	99.9	% 28-171							

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Celey D. Keine

Cardinal Laboratories

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Received: 11/23/2015 Sampling Date: 11/19/2015

Reported: 12/01/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: **NOT GIVEN**

Sample ID: SP6 @ 2' (H503093-09)

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	11/30/2015	ND	1.75	87.4	2.00	1.73	
Toluene*	<0.050	0.050	11/30/2015	ND	1.75	87.5	2.00	1.70	
Ethylbenzene*	<0.050	0.050	11/30/2015	ND	1.79	89.5	2.00	2.01	
Total Xylenes*	<0.150	0.150	11/30/2015	ND	5.51	91.8	6.00	2.06	
Total BTEX	<0.300	0.300	11/30/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.6-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	11/30/2015	ND	416	104	400	3.77	
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	11/25/2015	ND	191	95.5	200	0.827	
DRO >C10-C28	53.4	10.0	11/25/2015	ND	185	92.7	200	0.693	
Surrogate: 1-Chlorooctane	89.9	% 35-147	7						
Surrogate: 1-Chlorooctadecane	105	% 28-171							

Surrogate: 1-Chlorooctadecane 105 % 28-171

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Received: 11/23/2015 Sampling Date: 11/19/2015

Reported: 12/01/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP7 @ 1' (H503093-10)

BTEX 8021B	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2015	ND	1.75	87.4	2.00	1.73	
Toluene*	<0.050	0.050	11/30/2015	ND	1.75	87.5	2.00	1.70	
Ethylbenzene*	<0.050	0.050	11/30/2015	ND	1.79	89.5	2.00	2.01	
Total Xylenes*	<0.150	0.150	11/30/2015	ND	5.51	91.8	6.00	2.06	
Total BTEX	<0.300	0.300	11/30/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	% 73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/30/2015	ND	416	104	400	3.77	
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	11/25/2015	ND	191	95.5	200	0.827	
DRO >C10-C28	<10.0	10.0	11/25/2015	ND	185	92.7	200	0.693	
Surrogate: 1-Chlorooctane	93.2	% 35-147	,						
Surrogate: 1-Chlorooctadecane	102 9	% 28-171							

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BBC International, Inc. Cliff Brunson

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Fax To: (575) 397-0397

Received: 11/23/2015 Sampling Date: 11/19/2015

Reported: 12/01/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP7 @ 2' (H503093-11)

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	11/30/2015	ND	1.75	87.4	2.00	1.73	
Toluene*	<0.050	0.050	11/30/2015	ND	1.75	87.5	2.00	1.70	
Ethylbenzene*	<0.050	0.050	11/30/2015	ND	1.79	89.5	2.00	2.01	
Total Xylenes*	<0.150	0.150	11/30/2015	ND	5.51	91.8	6.00	2.06	
Total BTEX	<0.300	0.300	11/30/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	11/30/2015	ND	416	104	400	3.77	
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	11/25/2015	ND	191	95.5	200	0.827	
DRO >C10-C28	51.6	10.0	11/25/2015	ND	185	92.7	200	0.693	
Surrogate: 1-Chlorooctane	90.1 9	% 35-147	,						

Surrogate: 1-Chlorooctadecane 99.1 % 28-171

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Received: 11/23/2015 Sampling Date: 11/19/2015

Reported: 12/01/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: **NOT GIVEN**

Sample ID: SP8 @ 1' (H503093-12)

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	11/30/2015	ND	1.75	87.4	2.00	1.73	
Toluene*	<0.050	0.050	11/30/2015	ND	1.75	87.5	2.00	1.70	
Ethylbenzene*	<0.050	0.050	11/30/2015	ND	1.79	89.5	2.00	2.01	
Total Xylenes*	<0.150	0.150	11/30/2015	ND	5.51	91.8	6.00	2.06	
Total BTEX	<0.300	0.300	11/30/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 73.6-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/30/2015	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	11/25/2015	ND	191	95.5	200	0.827	
DRO >C10-C28	<10.0	10.0	11/25/2015	ND	185	92.7	200	0.693	
Surrogate: 1-Chlorooctane	94.8	% 35-147	7						
Surrogate: 1-Chlorooctadecane	101	% 28-171							

Surrogate: 1-Chlorooctadecane 101 % 28-171

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/23/2015 Sampling Date: 11/19/2015

Reported: 12/01/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP8 @ 2' (H503093-13)

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	11/30/2015	ND	1.75	87.4	2.00	1.73	
Toluene*	<0.050	0.050	11/30/2015	ND	1.75	87.5	2.00	1.70	
Ethylbenzene*	<0.050	0.050	11/30/2015	ND	1.79	89.5	2.00	2.01	
Total Xylenes*	<0.150	0.150	11/30/2015	ND	5.51	91.8	6.00	2.06	
Total BTEX	<0.300	0.300	11/30/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	% 73.6-14	0						
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	11/30/2015	ND	416	104	400	3.77	
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	11/25/2015	ND	191	95.5	200	0.827	
DRO >C10-C28	22.1	10.0	11/25/2015	ND	185	92.7	200	0.693	
Surrogate: 1-Chlorooctane	92.6	% 35-147	,						
Surrogate: 1-Chlorooctadecane	105 9	% 28-171							

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/23/2015 Sampling Date: 11/19/2015

Reported: 12/01/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP9 @ 1' (H503093-14)

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	11/30/2015	ND	1.75	87.4	2.00	1.73	
Toluene*	<0.050	0.050	11/30/2015	ND	1.75	87.5	2.00	1.70	
Ethylbenzene*	<0.050	0.050	11/30/2015	ND	1.79	89.5	2.00	2.01	
Total Xylenes*	<0.150	0.150	11/30/2015	ND	5.51	91.8	6.00	2.06	
Total BTEX	<0.300	0.300	11/30/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	11/30/2015	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	11/25/2015	ND	191	95.5	200	0.827	
DRO >C10-C28	<10.0	10.0	11/25/2015	ND	185	92.7	200	0.693	
Surrogate: 1-Chlorooctane	88.9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	96.1	% 28-171							

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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 *=Accredited Analyte

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(303) 333-2320 1700 (200/200				NAI VOIC BEOLIEST
Company Name:	BBC International, Inc.	Inc.	BILL 10			All Cio Regions.
Project Manager:	r: Cliff Brunson		P.O. #:			
Address: P.O.	P.O. Box 805		Company: ()X L/)		
city: Hobbs		State: NM Zip: 88241	Attn: Dusty W	1500		
Phone #: 575-397-6388		Fax #: 575-397-0397	Address:			
Project #:		Project Owner: Oxy	City:			
Project Name:	Project Name: East Eumont Unit #35		State: Zip:			
Project Location:	a		Phone #:			
Sampler Name:	Roger Hernandez	9Z	Fax #:		e	
FOR LAB USE ONLY		P	MATRIX PRESERV. SAMPLING	NG	0	
Lab I.D.	Sample I.D.	G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL	OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	BTEX	Chlori	
	SP1 @ 1'	6 1	/ 11-19-15	8:45 am	1	
2	SP2 @ 1'	6 1	/ 11-19-15	9:19 am	1	
W	SP3 @ 1'	6	/ 11-19-15	9:45 am	1	
h	SP4 @ 1'	G 1 2	/ 11-19-15	10:25 am	1	
n	SP4 @ 2'	6 -	/ 11-19-15	10:40 am	1	
6	SP5 @ 1'	6 1	/ 11-19-15	11:20 am	1	
7	SP5 @ 2'	Q -	/ 11-19-15	11:38 am	1	
8	SP6 @ 1'	G -	/ 11-19-15 1:00 pm	1:00 pm	1	
9	SP6 @ 2'	- 9	11-19-15	1:10 pm	'	
PLEASE NOTE: Liability: analyses. All claims includes service. In no event shall	and Damages. Cardinal's liability and clier ling those for negligence and any other ca Cardinal be liable for incidental or conseq	PLEASE NOTE: Liability and Damages. Cardina's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.	ed in contract or tort, shall be limited to the amount pa in writing and received by Cardinal within 30 days afte interruptions, loss of use, or loss of profits incurred by	id by the client for the er completion of the applicable client, its subsidiaries,	ō.	
Rejinguished E	sing out of or related to the performance of	Date: Received By:	COUNTY OF THE PROPERTY OF THE	ult:	☐ Yes ☐ No	Add'l Phone #: Add'l Fax #:
Prid			is himas			
Relmquished By:	y:	Date 13/5 Recéived By:				
Agril	is himas	455 UUU	CHECKED BY:	7		
Delivered By	Delivered By: (Circle One)	Cool	Cool Intact (Initials)			

Cool Intact
Wes Wes

Sampler - UPS - Bus - Other:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

(505) 393-2320 FAX (503) 393-2410	333-2410		ANALYSIS DECLIEST
Company Name: BBC International, Inc.		BILL 10	ANALISIS REGOLO
Project Manager: Cliff Brunson	P	P.O. #:	
Address: P.O. Box 805	C	Company: OXY	
bbs	State: NM Zip: 88241	Attn: Dusty Wilson	
5-397-6388	575-397-0397	Address:	
	Project Owner: Oxy	City:	
ame: East Eumont Unit #35		State: Zip:	
Project Location:	P	Phone #:	
Sampler Name: Roger Hernandez	P	Fax #:	e
		PRESERV. SAMPLING	rick.
Lab I.D. Sample I.D.	(G)RAB OR (C)O # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER: DATE	BTEX TPH Chlor
10 SP7 @ 1'	6)	/ 11-19-15 1:48 pm	,
	61	/ 11-19-15 2:00 pm	1
12 SP8 @ 1'	91		
7	6-	/ 11-19-15 3:09 pm	
_	61	/ 11-19-15 3:58 pm	
PLEASE NOTE: Lability and Damages. Cardinal's lability and client's exclusive remedy for any carm arising wretter beare in bound of the applicable railyses. All claims including those for negligence and any other cause whatesover shall be deemed waived unless anable in writing and neceived by Cardinal which 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, and in the profit of the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	In it's exclusive terrinary for any carm arising whether beson in currind to the control of the control of the cause whatsoever shall be deemed winder durines made in writing and neceived by Cardinal within 3 days after completion of the quental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiari of services hereuroder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	peaked by Cardinal within 30 days after completion of the science by Cardinal within 30 days after completion of the so fuse, or loss of profits incurred by client, its subsidiar asset upon any of the above stated reasons or otherwise.	pplicable
quisined By	Time: 2449M Received By:	Phone Result: Fax Result: REMARKS:	ult:
	Date 1515 Received By: Time 1: 55	moon	
Delivered By: (Circle One)	Sample Condition Cool Intact Cool Fres Fres	n CHECKED BY:	
		71.	



December 09, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: EAST EUMONT #35

Enclosed are the results of analyses for samples received by the laboratory on 12/02/15 15:40.

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/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: 12/02/2015 Sampling Date: 12/01/2015

Reported: 12/09/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP1 @ 2' (H503154-01)

Chloride, SM4500Cl-B Analyzed By: AP mg/kg Reporting Limit Analyzed Method Blank BS % Recovery True Value OC RPD Oualifier Analyte Result 400 Chloride 224 16.0 12/04/2015 ND 100 400 3.92

Sample ID: SP2 @ 2' (H503154-02)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 288 16.0 12/04/2015 ND 400 100 400 3.92

Sample ID: SP3 @ 2' (H503154-03)

Chloride, SM4500Cl-B Analyzed By: AP mg/kg Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 16.0 12/04/2015 ND 400 3.92 144 400 100

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

Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 12/02/2015 Sampling Date: 12/01/2015

Reported: 12/09/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location:

NOT GIVEN

Sample ID: SP4 @ 3' (H503154-04)

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	12/03/2015	ND	1.71	85.5	2.00	0.862	
Toluene*	<0.050	0.050	12/03/2015	ND	1.71	85.5	2.00	0.866	
Ethylbenzene*	<0.050	0.050	12/03/2015	ND	1.77	88.4	2.00	1.29	
Total Xylenes*	<0.150	0.150	12/03/2015	ND	5.34	89.0	6.00	1.20	
Total BTEX	<0.300	0.300	12/03/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 73.6-14	0						
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	12/04/2015	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	12/03/2015	ND	184	91.9	200	4.54	
DRO >C10-C28	<10.0	10.0	12/03/2015	ND	178	89.0	200	5.51	
Surrogate: 1-Chlorooctane	98.4	% 35-147	,						
Surrogate: 1-Chlorooctadecane	106	% 28-171							

Surrogate: 1-Chlorooctadecane 106 % 28-171

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: 12/02/2015 Sampling Date: 12/01/2015

Reported: 12/09/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Jodi Henson

Project Location: **NOT GIVEN**

Sample ID: SP4 @ 3.5' (H503154-05)

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	12/04/2015	ND	1.71	85.3	2.00	1.84	
Toluene*	<0.050	0.050	12/04/2015	ND	1.70	85.0	2.00	0.957	
Ethylbenzene*	<0.050	0.050	12/04/2015	ND	1.76	87.8	2.00	0.833	
Total Xylenes*	<0.150	0.150	12/04/2015	ND	5.35	89.2	6.00	1.46	
Total BTEX	<0.300	0.300	12/04/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	6 73.6-14	0						
Chloride, SM4500CI-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	12/04/2015	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	12/03/2015	ND	184	91.9	200	4.54	
DRO >C10-C28	<10.0	10.0	12/03/2015	ND	178	89.0	200	5.51	
Surrogate: 1-Chlorooctane	98.4	% 35-147	,						
Surrogate: 1-Chlorooctadecane	107 9	6 28-171							

Surrogate: 1-Chlorooctadecane 107 % 28-171

Sample ID: SP5 @ 3' (H503154-06)

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	12/04/2015	ND	400	100	400	3.92	

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 12/02/2015 Sampling Date: 12/01/2015

Reported: 12/09/2015 Sampling Type: Soil

Project Name: EAST EUMONT #35 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP5 @ 3.5' (H503154-07)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/04/2015	ND	400	100	400	3.92	
Sample ID: SP6 @ 3' (H5031	L54-08)								
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	12/04/2015	ND	400	100	400	3.92	
Sample ID: SP7 @ 3' (H5031	L 54-0 9)								
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	12/04/2015	ND	400	100	400	3.92	
Sample ID: SP8 @ 3' (H5031	L 54-10)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/04/2015	ND	400	100	400	3.92	
Sample ID: SP9 @ 2' (H5031	L 54-11)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

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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 *=Accredited Analyte

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Celeg D. Freene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-24/6	(505) 393-2476			TOTAL VOIS DECLIEST	
Company Name: BBC International, Inc.	al, Inc.	BILLY		ANALYSIS REQUEST	
		P.O. #:			
Address: P.O. Box 805		Company:			
city: Hobbs	State: NM Zip: 88241	Attn:			
Phone #: 575-397-6388	Fax #: 575-397-0397	Address:			
Project #:	Project Owner: OXY	City:			
ame: Foot	Fument # 35	State: Zip:			
	,	Phone #:			
Decen	Hennandez.	Fax #:	26		
Vance	MATRIX	PRESERV. SAMPLING			
FOR LAB USE ONLY			V		
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PLEASE NOTE: Liability and Damages. Cardinal's liability and c	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the	tract or tort, shall be limited to the amount pa	id by the client for the er completion of the applicable		
analyses. All claims including those for negligence and any othe service. In no event shall Cardinal be liable for incidental or con-	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and received by vacuum whitm or use a consequence of the	g and received by Caldinal willing to below ons, loss of use, or loss of profils incurred by ons, loss of use, or loss of the above stated re	client, its subsidiaries, asons or otherwise.		
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GOGER HERMANDEL		_	NEWANNO.		

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No No

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

Relinquished By:

Received By:



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476	76			1
Company Name: BBC International, Inc.		BILL TO	ANALYSIS REQUEST	1.
Project Manager: Cliff Brunson		P.O. #:		
Address: P.O. Box 805		Company:		
City: Hobbs State: NM	Zip: 88241	Attn:		
-397-6388 Fax #:	575-397-0397	Address:		
		City:		
Project Name: Frot Fumon # 35	35 '	State: Zip:		
on:		Phone #:		
Sampler Name: ANGER HERMANDE?		Fax #:		
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PLEASE NOTE: Liability and Damages. Cardina's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the crient in unity and provided in the provided provided in the provided provided in the provided provided in the provided pro	or any claim arising whether based in contract be deemed waived unless made in writing and be deemed waived unless made in writing and interruptions.	t or tort, shall be limited to the amount paid of received by Cardinal within 30 days after loss of use, or loss of profits incurred by class of use, or loss of the above stated reading to the control of the control of the above stated reading to the control of	y rie cient nu lie complicable completion of the applicable lent, its subsidiaries, cons or otherwise.	
affiliates or successors arising out of or related to the performance of services hereunder t Relinquished By: Date:	services hereunder by Cardinal, regardless of whether such claim is based upon any of the above states reasons or unewsee Dajte; Received By: Received By:	is based upon any of the above stated rea	lt:	
Laren Hennankez Time:	Z.		Fax Result: Yes INO Add I Fax #: REMARKS:	
And I will have				

Sample Condition
Cool Mtact
Tyes Tyes
No No

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

Relinquished By:

Kathy Purvis

From: Jones, Kellie, EMNRD < Kellie.Jones@state.nm.us>

Sent: Friday, January 29, 2016 2:00 PM **To:** Cliff Brunson; Keyes, Jamie, EMNRD

Casey Summers; Dusty Wilson; Jennifer_Duarte@oxy.com; Ken Swinney; Jennifer Gilkey;

Kathy Purvis

Subject: RE: OXY East Eumont Unit #35 - Remediation Plan

Cliff,

OCD approves work plan.

Thank you,

Kellie Jones
Environmental Specialist, District 1
Oil Conservation Division, EMNRD
575-393-6161 ext. 111
575-370-3180 (emergency-cell)
E-Mail: kellie.jones@state.nm.us

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

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

Sent: Wednesday, January 27, 2016 6:25 PM **To:** Jones, Kellie, EMNRD; Keyes, Jamie, EMNRD

Cc: Casey Summers; Dusty Wilson; Jennifer Duarte@oxy.com; Ken Swinney; Jennifer Gilkey; Kathy Purvis

Subject: OXY East Eumont Unit #35 - Remediation Plan

Kellie,

This e-mail is to confirm our discussion concerning the remediation plan for the Oxy East Eumont Unit #35 release. I have attached the information packet that we used in our discussion with a cover page describing the remediation plan that we agreed upon.

If you would please reply back via e-mail with your concurrence on this 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) 397-0397

E-Mail: cbrunson@bbcinternational.com

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