# **Closure Report**

	Site Description			
Site Name:	CE Lamunyon #1 CTB			
Company: Oxy Permian Ltd.				
Legal Description:	U/L B, Section 27, T23S, R37E			
County:	Lea County, NM			
GPS Coordinates:	N 32.27988° W 103.16297°			

Release Data							
Date of Release:	11/20/2013						
Type of Release:	Oil						
Source of Release:	Fire tube on heater treater						
Volume of Release:	10 bbls						
Volume Recovered:	0 bbls						

	Remediation Specifications								
Remediation Parameters:	Excavate to a depth of 1 foot across the entire leak site. Then, backfill the site with clean soil.								
Remediation Activities:	03/26/2014 to 04/02/2014								

Plan Sent to OCD:	01/31/2014	Email from Cliff Brunson to Geoffrey Leking
OCD Approval of Plan:	02/03/2014	Email from Geoffrey Leking to Cliff Brunson
Plan Sent to BLM:	02/03/2014	Email from Cliff Brunson to J. Van Curen
BLM Approval of Plan:	02/04/2014	Email from J. Van Curen to Cliff Brunson

	Supporting Documentation
Initial C-141	Signed 12/03/2013
Final C-141	Signed 04/15/2014
Site Diagram	December 2013
Groundwater Plot	50'-100'
TOPO Maps	December 2013
Lab Summary	12/10/2013
Lab Analysis	12/10/2013
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.

04/18/2014

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
bmit 1 Copy to appropriate District Office in

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.

			Rele	ease Notific	catior	and Co	orrective A	ction			
						OPERA'	ГOR		al Report		Final Report
Name of Co		Oxy Permia					Chancey Summe				
		tanolind Rd,		NM 88240		Telephone N		-8216			
Facility Nar		_amunyon #	СТВ			Facility Typ	e Gathering				
Surface Ow	ner Jimi	my Weir		Mineral C	)wner			API No	Э.		
				LOCA	ATION	OF REI	LEASE				
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/West Line	County		
В	27	23S	37E						Lea County	, NM	
				Latitude		Longitu	ude				
						OF RELI		-			
Type of Rele	ase Oil			TIAL	UKL	Volume of	PARTY TO HOS OF OR A COUNTY	Volume	Recovered	-	
Source of Re	lanaa Eine	e tube on heat				10 bbls	Iour of Occurrenc	0 bbls	IICD:		
Source of Re	lease Fire	tube on neat	er treater			11/20/2013	3	e Date and	Hour of Disco	very	
Was Immedia	ate Notice C		Yes	No  Not Ro	equired	If YES, To Geoffrey L		Jennifer Van Cure	n- BLM		
By Whom?	Rachel Mo					Date and H					
Was a Water	course Reac		Yes 🛛	No		If YES, Vo	lume Impacting the	he Watercourse.			
If a Watercou	rse was Imp	pacted, Descri	be Fully.*								
Describe Cau	se of Proble	em and Remed	lial Actior	ı Taken.*							
Failure of a fi	re tube on t	he heater trea	ter caused	10 bbls of oil to	leak onto	the ground.	No fluids were re	ecovered and the f	ire tube was re	paired/	replaced.
Describe Area	a Affected a	and Cleanup A	ction Tak	en.*	***************************************						
The affected a NMOCD and		oximately 10'	x 150' ins	side the berm. Re	emediatio	on will be cor	mpleted in accorda	ance with a remed	iation plan app	proved	by
regulations al public health should their o	l operators a or the envir perations ha ment. In a	are required to conment. The ave failed to a ddition, MMO	report an acceptanc dequately CD accep	d/or file certain re e of a C-141 repo investigate and re	elease no ort by the emediate	otifications are NMOCD ma contamination	nd perform correct arked as "Final Re on that pose a thre	nderstand that pur- tive actions for rel port" does not rel that to ground wate esponsibility for c	eases which m ieve the operat r, surface wate	ay end tor of li er, huma	anger iability an health
							OIL CONS	SERVATION	DIVISION	1	
Signature:											
Printed Name	: Chance	y Summers			F	Approved by	Environmental Sp	ecialist:			
Title: HES	Specialist				A	Approval Date	e:	Expiration	Date:		
E-mail Addre	ss: Chanc	cey.Summers(	aoxy.com			Conditions of	Approval:		Attached		
Date: 12/	3/13	to If Nacassi	Phone:	(575) 397-821	6						

District II
1000 Rio Brazos Road, Aztec, NM 87505
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

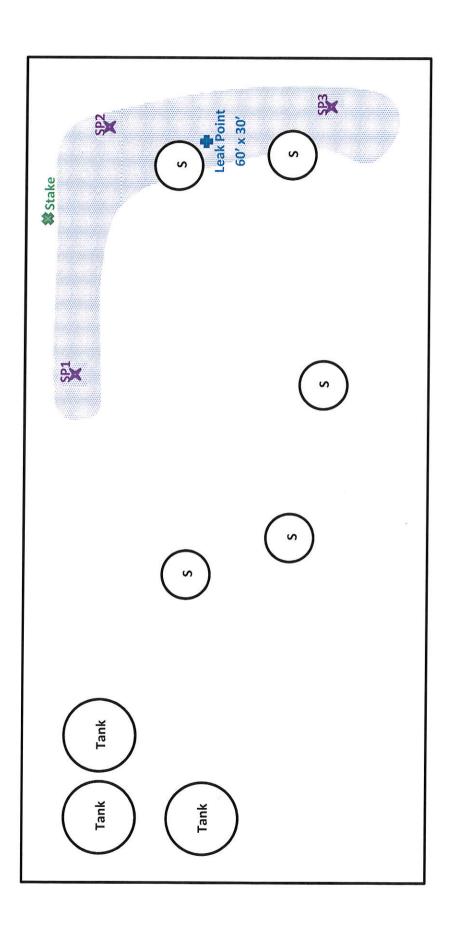
Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

			Rel			on and Co	orrective A	ction				
						OPERA	TOR		☐ Initi	al Report	$\boxtimes$	Final Repo
Name of Co		Oxy Permia				Contact (	Chancey Summe	ers				
		tanolind Rd,		NM 88240		Telephone No. (575) 397-8216						
Facility Na	me CE I	Lamunyon#	CTB			Facility Typ	oe Gathering					
Surface Ow	ner Jim	my Weir		Mineral (	Owner				API No	).		
				LOC	ATIO	N OF RE	LEASE					
Unit Letter	Section	Township	Range	Feet from the		h/South Line	Feet from the	East/V	Vest Line	County		
В	27	238	37E							Lea County	NIM	
				Latitude		Longit	ııde	<u> </u>		Lea County	y, INIVI	
						OF REL		_				
Type of Rele	ase Oil		· ·	NAI	UKE	Volume of		<del></del>	Volume I	Recovered		
						10 bbls	Teorouse		0 bbls	ACCOVERED		
Source of Re	lease Fire	e tube on heate	r treater			Date and H 11/20/2013	Iour of Occurrenc	се	Date and	Hour of Disc	overy	
Was Immedia	ate Notice C		Ves [	No 🔲 Not Re	aguirad	If YES, To		I:C	V C	DIA		
By Whom?	Rachel Mo		103	1 10 [] 100 [	cquireu		eking-NMOCD;  Jour 11/20/13 @			1- BLM		
Was a Water						If YES, Vo	olume Impacting t	the Wate	rcourse			
			Yes 🛚	No								
Describe Area The affected a	re tube on to Affected a	he heater treat and Cleanup A eximately 10'	er caused ction Tak	10 bbls of oil to len.*	mediat	ion was compl	No fluids were re	ce with the			-	
Leking of NIV	IOCD via ei	mail on 02/03	2014 and	by Jennifer Van	Curen (	of the BLM via	a email on 02/04/2	2014.				-
public health of should their of	operators a or the environe perations ha ment. In ac	are required to comment. The analysis of the failed to addition, NMOO	report an acceptanc lequately CD accept	d/or file certain re e of a C-141 repo investigate and re	elease n rt by th emediat	otifications an e NMOCD ma e contamination	knowledge and und perform correct arked as "Final Reson that pose a three the operator of resonance.	tive action eport" do eat to gro	ons for rele es not relic	eases which n eve the opera surface wate	nay end tor of l	langer iability yan health
Signature:							OIL CONS	SERV	ATION	DIVISIO	N	
					Approved by I	Environmental Sp	ecialist:	Jocely	n Harimo	n		
Title: HES	Specialist					Approval Date	e: 07/13/2023	B E	xpiration [	Date:		
E-mail Addres	s: <u>Chanc</u>	ey.Summers@		(575) 005 00 ·		Conditions of	Approval:			Attached		
Date: 7 Attach Additi			Phone:	<u>(5</u> 75) 39 <u>7-8216</u>	)						····	

Ox/

CE Lamunyon #1 CTB



BBC International, Inc.

Oxy

CE Lamunyon #1 CTB

Date: 12/09/2013

NOT TO SCALE File: Oxy 2013

U/L B, Section 27, T23S, R37E Lea County, NM

N 32.27988° W 103.16297°

GPS at the stake:

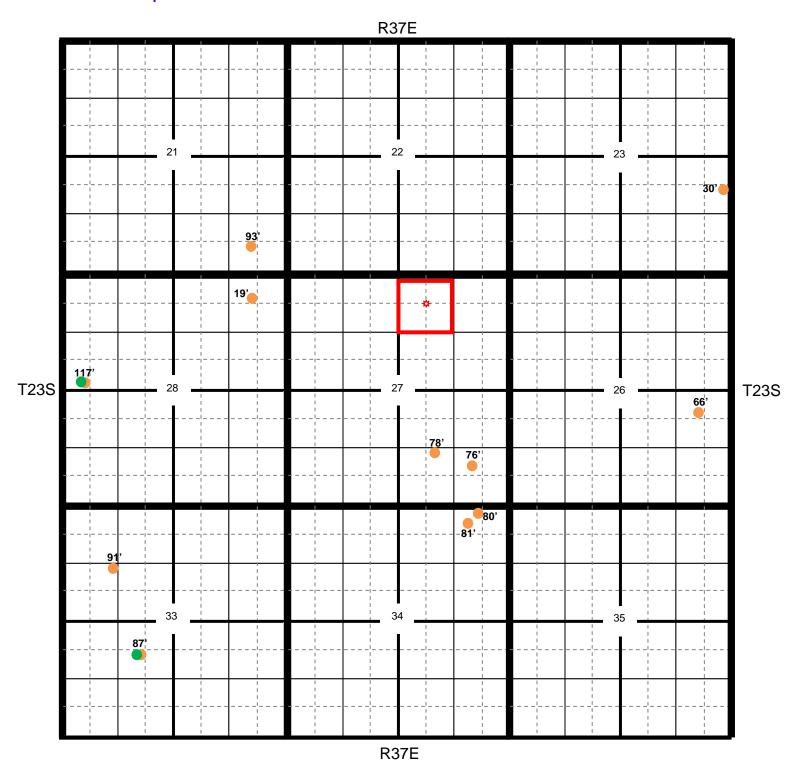
 $Z \leftarrow$ 

### **Groundwater Plot**

# Oxy CE Lamunyon #1 CTB

CountyUnit LetterSectionTownshipRangeLeaB2723S37E

Trend Map 50'-100'



USGS

SEO

All Databases

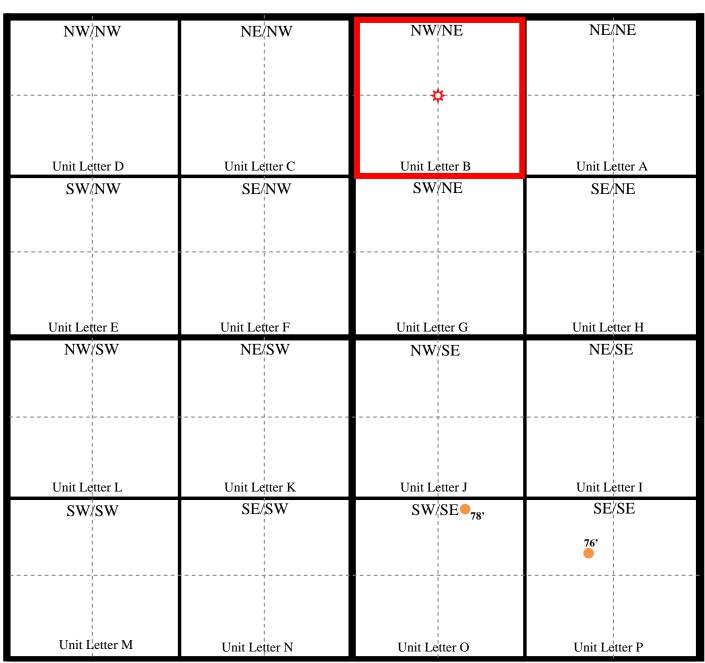
### **Section Quarters**

## Oxy CE Lamunyon #1 CTB

CountyUnit LetterSectionTownshipRangeLeaB2723S37E

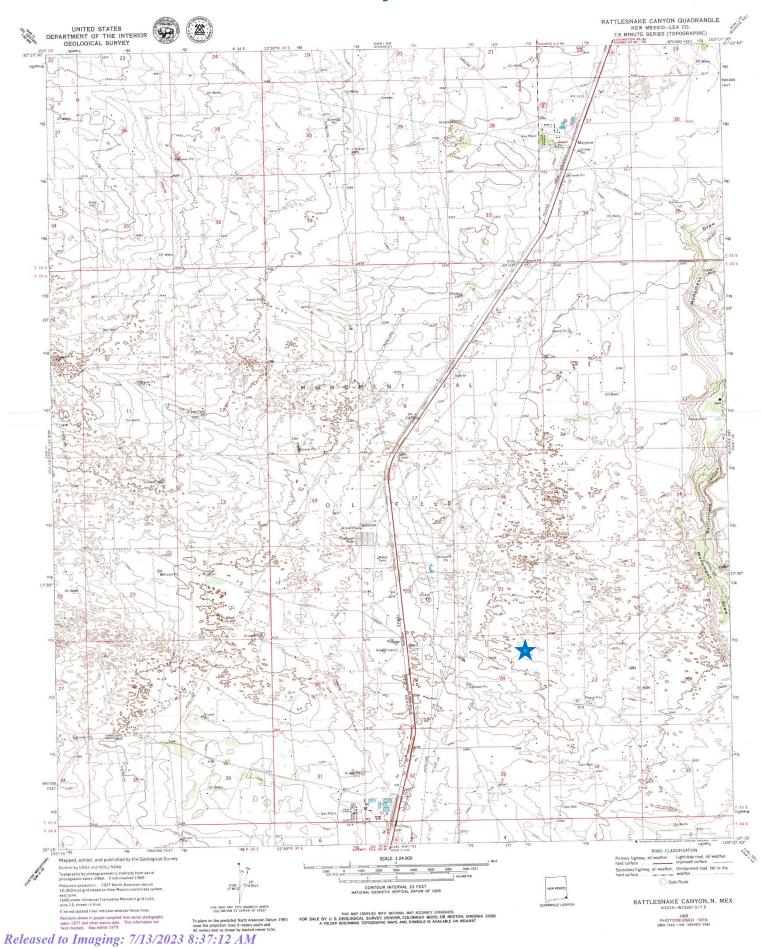
Trend Map 50'-100'

1 2



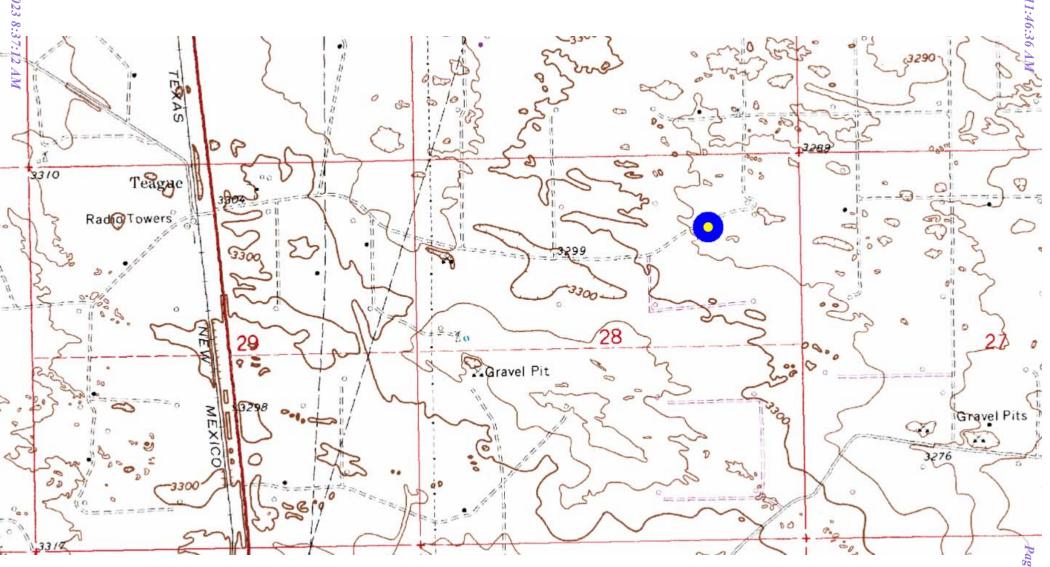
3

# **CE Lamunyon #1 CTB**



# Оху

# **CE Lamunyon #1 CTB**



# Laboratory Analytical Results Summary CE Lamunyon #1 CTB

		Sample	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	12/10/13	12/10/13	12/10/13
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.500	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.500	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		1.08	0.123	< 0.050
Total Xylenes	BTEX 8021B		12.8	0.871	0.303
Total BTEX	BTEX 8021B		13.8	0.994	0.303
Chloride	SM4500CI-B		96	<16.0	<16.0
GRO	TPH 8015M		627	<100	<100
DRO	TPH 8015M		6770	688	635

		Sample	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	12/10/13	12/10/13	12/10/13
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.100	< 0.050	< 0.050
Toluene	BTEX 8021B		<0.100	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		0.366	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		3.43	0.283	0.164
Total BTEX	BTEX 8021B		3.79	< 0.300	< 0.300
Chloride	SM4500CI-B		64	<16.0	<16.0
GRO	TPH 8015M		<200	<100	<100
DRO	TPH 8015M		1650	409	609

		Sample	SP3 @ SURFACE	SP3 @ 1'
Analyte	Method	Date	12/10/13	12/10/13
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.200	< 0.050
Toluene	BTEX 8021B		<0.200	<0.050
Ethylbenzene	BTEX 8021B		0.64	< 0.050
Total Xylenes	BTEX 8021B		7.12	0.289
Total BTEX	BTEX 8021B		7.76	< 0.300
Chloride	SM4500CI-B		80	64
GRO	TPH 8015M		264	<100
DRO	TPH 8015M		2720	702

Received by OCD: 3/8/2023 11:46:36 AM



December 19, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CE LAMUNYON CTB

Enclosed are the results of analyses for samples received by the laboratory on 12/13/13 11:10.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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. Keene

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



### Analytical Results For:

BBC International, Inc. Cliff Brunson

P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 12/13/2013 Sampling Date: 12/10/2013
Reported: 12/19/2013 Sampling Type: Soil

Project Name: CE LAMUNYON CTB Sampling Condition: \*\* (See Notes)
Project Number: NONE GIVEN Sample Received By: Kathy Perez

Project Location: JAL

### Sample ID: SP1 @ SURFACE (H303018-01)

	9/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	12/18/2013	ND	1.90	95.2	2.00	2.21	
Toluene*	<0.500	0.500	12/18/2013	ND	1.90	95.0	2.00	2.67	
Ethylbenzene*	1.08	0.500	12/18/2013	ND	1.88	93.8	2.00	4.04	
Total Xylenes*	12.8	1.50	12/18/2013	ND	5.50	91.7	6.00	3.57	
Total BTEX	13.8	3.00	12/18/2013	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/18/2013	ND	416	104	400	3.92	
Chloride TPH 8015M	96.0 mg/			ND d By: ms	416	104	400	3.92	S-06
					416 BS	104 % Recovery	400 True Value QC	3.92 RPD	<b>S-06</b> Qualifier
TPH 8015M	mg,	/kg	Analyze	d By: ms					
TPH 8015M  Analyte	<b>mg</b> /	Reporting Limit	Analyze Analyzed	d By: ms  Method Blank	BS	% Recovery	True Value QC	RPD	
Analyte  GRO C6-C10	Result	Reporting Limit 100 100	Analyzed 12/18/2013 12/18/2013	Method Blank	BS 206	% Recovery	True Value QC	RPD 6.55	

### Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 12/13/2013 Sampling Date: 12/10/2013
Reported: 12/19/2013 Sampling Type: Soil

Project Name: CE LAMUNYON CTB Sampling Condition: \*\* (See Notes)
Project Number: NONE GIVEN Sample Received By: Kathy Perez

Project Location: JAL

### Sample ID: SP1 @ 1 FT (H303018-02)

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	12/18/2013	ND	1.90	95.2	2.00	2.21	
Toluene*	<0.050	0.050	12/18/2013	ND	1.90	95.0	2.00	2.67	
Ethylbenzene*	0.123	0.050	12/18/2013	ND	1.88	93.8	2.00	4.04	
Total Xylenes*	0.871	0.150	12/18/2013	ND	5.50	91.7	6.00	3.57	
Total BTEX	0.994	0.300	12/18/2013	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/18/2013	ND	416	104	400	3.92	
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	<100	100	12/18/2013	ND	206	103	200	6.55	
DRO >C10-C28	688	100	12/18/2013	ND	206	103	200	7.48	
Surrogate: 1-Chlorooctane	117 %	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	174 9	% 63.6-15	4						

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Celey D. Keine



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 12/13/2013 Sampling Date: 12/10/2013
Reported: 12/19/2013 Sampling Type: Soil

Project Name: CE LAMUNYON CTB Sampling Condition: \*\* (See Notes)
Project Number: NONE GIVEN Sample Received By: Kathy Perez

Project Location: JAL

### Sample ID: SP1 @ 2 FT (H303018-03)

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	12/18/2013	ND	1.90	95.2	2.00	2.21	
Toluene*	<0.050	0.050	12/18/2013	ND	1.90	95.0	2.00	2.67	
Ethylbenzene*	<0.050	0.050	12/18/2013	ND	1.88	93.8	2.00	4.04	
Total Xylenes*	0.303	0.150	12/18/2013	ND	5.50	91.7	6.00	3.57	
Total BTEX	0.303	0.300	12/18/2013	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 89.4-12	6						
Chloride, SM4500CI-B	Chloride, SM4500CI-B mg/kg		Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/18/2013	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	<100	100	12/18/2013	ND	206	103	200	6.55	
DRO >C10-C28	635	100	12/18/2013	ND	206	103	200	7.48	
Surrogate: 1-Chlorooctane	103 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	141 9	63.6-15	4						

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Celey D. Keine



### Analytical Results For:

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

Hobbs NM, 88241

Fax To: (575) 397-0397

 Received:
 12/13/2013
 Sampling Date:
 12/10/2013

 Reported:
 12/19/2013
 Sampling Type:
 Soil

Project Name: CE LAMUNYON CTB Sampling Condition: \*\* (See Notes)
Project Number: NONE GIVEN Sample Received By: Kathy Perez

Project Location: JAL

### Sample ID: SP2 @ SURFACE (H303018-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	12/18/2013	ND	1.90	95.2	2.00	2.21	
Toluene*	<0.100	0.100	12/18/2013	ND	1.90	95.0	2.00	2.67	
Ethylbenzene*	0.366	0.100	12/18/2013	ND	1.88	93.8	2.00	4.04	
Total Xylenes*	3.43	0.300	12/18/2013	ND	5.50	91.7	6.00	3.57	
Total BTEX	3.79	0.600	12/18/2013	ND					
Surrogate: 4-Bromofluorobenzene (PID	131 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/18/2013	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	<200	200	12/18/2013	ND	206	103	200	6.55	
DRO >C10-C28	1650	200	12/18/2013	ND	206	103	200	7.48	
Surrogate: 1-Chlorooctane	113 %	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	148 9	% 63.6-15	4						

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Celey D. Keine



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 12/13/2013 Sampling Date: 12/10/2013 Reported: 12/19/2013 Sampling Type: Soil

Project Name: CE LAMUNYON CTB Sampling Condition: \*\* (See Notes) Sample Received By: Kathy Perez Project Number: NONE GIVEN

Project Location: JAL

### Sample ID: SP2 @ 1FT (H303018-05)

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	12/18/2013	ND	1.90	95.2	2.00	2.21	
Toluene*	<0.050	0.050	12/18/2013	ND	1.90	95.0	2.00	2.67	
Ethylbenzene*	<0.050	0.050	12/18/2013	ND	1.88	93.8	2.00	4.04	
Total Xylenes*	0.283	0.150	12/18/2013	ND	5.50	91.7	6.00	3.57	
Total BTEX	<0.300	0.300	12/18/2013	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/18/2013	ND	416	104	400	3.92	
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	<100	100	12/18/2013	ND	206	103	200	6.55	
DRO >C10-C28	409	100	12/18/2013	ND	206	103	200	7.48	
Surrogate: 1-Chlorooctane	111 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	162 %	63.6-15	4						

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Celey D. Keine



### Analytical Results For:

BBC International, Inc. Cliff Brunson

P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 12/13/2013 Sampling Date: 12/10/2013
Reported: 12/19/2013 Sampling Type: Soil

Project Name: CE LAMUNYON CTB Sampling Condition: \*\* (See Notes)
Project Number: NONE GIVEN Sample Received By: Kathy Perez

Project Location: JAL

### Sample ID: SP2 @ 2FT (H303018-06)

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	12/18/2013	ND	1.90	95.2	2.00	2.21	
Toluene*	<0.050	0.050	12/18/2013	ND	1.90	95.0	2.00	2.67	
Ethylbenzene*	<0.050	0.050	12/18/2013	ND	1.88	93.8	2.00	4.04	
Total Xylenes*	0.164	0.150	12/18/2013	ND	5.50	91.7	6.00	3.57	
Total BTEX	<0.300	0.300	12/18/2013	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/18/2013	ND	416	104	400	3.92	
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	<100	100	12/18/2013	ND	206	103	200	6.55	
DRO >C10-C28	609	100	12/18/2013	ND	206	103	200	7.48	
Surrogate: 1-Chlorooctane	110 %	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	157 9	% 63.6-15	4						

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Celey D. Keine



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 12/13/2013 Sampling Date: 12/10/2013

Reported: 12/19/2013 Sampling Type: Soil

Project Name: CE LAMUNYON CTB Sampling Condition: \*\* (See Notes)
Project Number: NONE GIVEN Sample Received By: Kathy Perez

Project Location: JAL

### Sample ID: SP3 @ SURFACE (H303018-07)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	12/18/2013	ND	1.90	95.2	2.00	2.21	
Toluene*	<0.200	0.200	12/18/2013	ND	1.90	95.0	2.00	2.67	
Ethylbenzene*	0.640	0.200	12/18/2013	ND	1.88	93.8	2.00	4.04	
Total Xylenes*	7.12	0.600	12/18/2013	ND	5.50	91.7	6.00	3.57	
Total BTEX	7.76	1.20	12/18/2013	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/18/2013	ND	432	108	400	3.77	
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	264	200	12/18/2013	ND	206	103	200	6.55	
DRO >C10-C28	2720	200	12/18/2013	ND	206	103	200	7.48	
Surrogate: 1-Chlorooctane	128 5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	165 9	% 63.6-15	4						

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Celey D. Keine



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 12/13/2013 Sampling Date: 12/10/2013
Reported: 12/19/2013 Sampling Type: Soil

Project Name: CE LAMUNYON CTB Sampling Condition: \*\* (See Notes)
Project Number: NONE GIVEN Sample Received By: Kathy Perez

Project Location: JAL

### Sample ID: SP3 @ 1 FT (H303018-08)

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	12/18/2013	ND	1.90	95.2	2.00	2.21	
Toluene*	<0.050	0.050	12/18/2013	ND	1.90	95.0	2.00	2.67	
Ethylbenzene*	<0.050	0.050	12/18/2013	ND	1.88	93.8	2.00	4.04	
Total Xylenes*	0.289	0.150	12/18/2013	ND	5.50	91.7	6.00	3.57	
Total BTEX	<0.300	0.300	12/18/2013	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/18/2013	ND	432	108	400	3.77	
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	<100	100	12/18/2013	ND	206	103	200	6.55	
DRO >C10-C28	702	100	12/18/2013	ND	206	103	200	7.48	
Surrogate: 1-Chlorooctane	121 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	191 9	% 63.6-15	4						

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Celey D. Keene



### **Notes and Definitions**

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

Relinquished By:

Relinquished By

Date: 12-13-13

Received By

HECKED BY (Initjals) ann

Fax Result: REMARKS:

☐ Yes☐ Yes

ON O

Add'l Phone #: Add'l Fax #:

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476 Company Name: BBC International Inc.

Company Name:	BBC International, Inc.			BIL	14 TO				ANALYSIS REQUEST	_
Project Manager:	: Cliff Brunson			P.O. #:						
Address: P.O. Box 805	Box 805			Company:						-
city: Hobbs	State: NM	Zip:	Zip: 88241	Attn:						_
Phone #: 575-397-6388	Fax #:	397	575-397-0397	Address:	N					_
Project #:	Project Owner:	0	XV	City:	JAMA					_
Project Name:	CF Lamunum C+B			State:	Zip:					_
Project Location:	Sal.			Phone #:						-
Sampler Name:	and Kau			Fax #:						
FOR LAB USE ONLY			MATRIX	PRESERV.	SAMPLING	u,				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS  GROUNDWATER  WASTEWATER  SOIL  OIL  SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	DATE	TIME	TPH	B-Tex		
_	PI @ Surface		メ	×	11 81-01-61	56:0	×	X		
ს-	SP102FH	0	X	<b>×</b> ,	17-10-13 11	13 48	×	×		
منن	1702F+	0	X	×.	1 3-01-01	1:20 3	×	×,		
<del>-</del> (	SP 20 Surface	0	2 X	Χ.	12-10-17	Z X	/ ×	×		
ጉ	436 26 05	3	X	×:	10-10-13	: 40 X	×	×		
51	+3t 01ds	0	2 ×	×;	D-10-13	0/:10	×	×		
7	SP 36 SWEARCE	0	X	×;	12-10-17	10:30	×	×		
00	50 30 7 FT	6	X	*	11 51-9-6)	184:0	X	7		
PLEASE NOTE: Liability an analyses. All claims including	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 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	ny claim deemed	n arising whether based in contract waived unless made in writing and	or tort, shall be limited received by Cardinal v	to the amount paid by within 30 days after co	y the client for the ampletion of the a	pplicable			

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

### **Kathy Purvis**

From: Leking, Geoffrey R, EMNRD < GeoffreyR.Leking@state.nm.us>

Sent: Monday, February 03, 2014 7:35 AM

To: Cliff P. Brunson

Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis

**Subject:** RE: Oxy-CE Lamunyon #1 CTB-Remediation Plan

Cliff

The remediation proposal described in the email below is approved.

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: Friday, January 31, 2014 3:53 PM

To: Leking, Geoffrey R, EMNRD

Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis Subject: Oxy-CE Lamunyon #1 CTB-Remediation Plan

Geoff,

This message is to confirm our discussion on January 30, 2014 concerning the remediation plan for the Oxy CE Lamunyon #1 CTB site. I have attached the site diagram and lab data summary table that we used in our discussion. As mutually agreed, Oy will excavate to a depth of 1 foot across the entire leak area as shown on the diagram. The site will then be backfilled with clean soil.

If you would please reply back via e-mail with your concurrence to 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: <a href="mailto:cbrunson@bbcinternational.com">cbrunson@bbcinternational.com</a>

1

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

### **Kathy Purvis**

**From:** Van Curen, Jennifer <jvancure@blm.gov> **Sent:** Tuesday, February 04, 2014 7:05 AM

To: Cliff P. Brunson

Cc:C J Summers; Ken Swinney; Jennifer Gilkey; Kathy PurvisSubject:Re: FW: Oxy-CE Lamunyon #1 CTB-Remediation Plan

CJ,

This plan is approved. Thanks.

JENNIFER E VAN CUREN ENVIRONMENTAL PROTECTION SPECIALIST DOI-BLM-CARLSBAD FIELD OFFICE 320 E GREENE ST. CARLSBAD, NM 88220 OFFICE- 575-234-5905 CELL - 575-361-0042 FAX - 575-234-5927

On Mon, Feb 3, 2014 at 2:50 PM, Cliff P. Brunson < <u>cbrunson@bbcinternational.com</u>> wrote: 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 as referenced by his e-mail below. Oxy will excavate to a depth of 1 foot across the entire leak area as shown on the diagram. The area 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
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1

From: Geoffrey Leking <geoffreyr.leking@state.nm.us>

Date: Monday, February 3, 2014 7:35 AM

To: Cliff Brunson <cbrunson@bbcinternational.com>

Cc: C J Summers < Chancey Summers@oxy.com >, Ken Swinney < kswinney@bbcinternational.com >, Jennifer Gilkey

<jgilkey@bbcinternational.com>, Kathy Purvis <kathy@bbcinternational.com>

Subject: RE: Oxy-CE Lamunyon #1 CTB-Remediation Plan

Cliff

The remediation proposal described in the email below is approved.

**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: Friday, January 31, 2014 3:53 PM

To: Leking, Geoffrey R, EMNRD

Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis Subject: Oxy-CE Lamunyon #1 CTB-Remediation Plan

Geoff,

This message is to confirm our discussion on January 30, 2014 concerning the remediation plan for the Oxy CE Lamunyon #1 CTB site. I have attached the site diagram and lab data summary table that we used in our discussion. As mutually agreed, Oy will excavate to a depth of 1 foot across the entire leak area as shown on the diagram. The site will then be backfilled with clean soil.

If you would please reply back via e-mail with your concurrence to this plan, it would be greatly appreciated.
Thanks, Cliff
Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
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District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 194838

### **CONDITIONS**

Operator:	OGRID:
FAE II Operating LLC	329326
11757 Katy Freeway, Suite 725	Action Number:
Houston, TX 77079	194838
	Action Type:
	[IM-SD] Incident File Support Doc (ENV) (IM-BNF)

### CONDITIONS

Created By	Condition	Condition Date
jharimor	None	7/13/2023