

PHONE (575) 397-6388 • FAX (575) 397-0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805 E-MAIL: cbrunson@bbcinternational.com

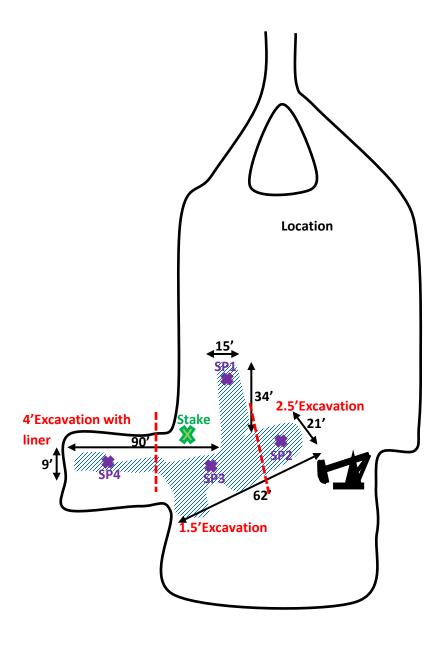
### Oxy – MLMU #247 (04/07/2016) REMEDIATION PLAN, RP # 1RP-4242

Oxy will excavate the spill area as depicted on the following site diagram. The areas of SP1 and SP3 will be excavated to a depth of 1.5 feet. The area of SP2 will be excavated to a depth of 2.5 feet. The area of SP4 will be excavated to a depth of 4 feet and a liner will be placed in the excavation. The entire site will then be backfilled with clean soil.

All excavated materials will be disposed of at an NMOCD-approved disposal facility.



### Oxy MLMU #247 (04/07/2016)



U/L P, Section 7, T24S, R37E

Lea County, NM

N 32.22636° W103.19575°

API# 30-025-11044

BBC International, Inc.							
Оху							
MLMU #247							
Date: 04/11/2016	DRWG by: K. Purvis						
NOT TO SCALE	File: Oxy 2016						



### **Groundwater Plot**

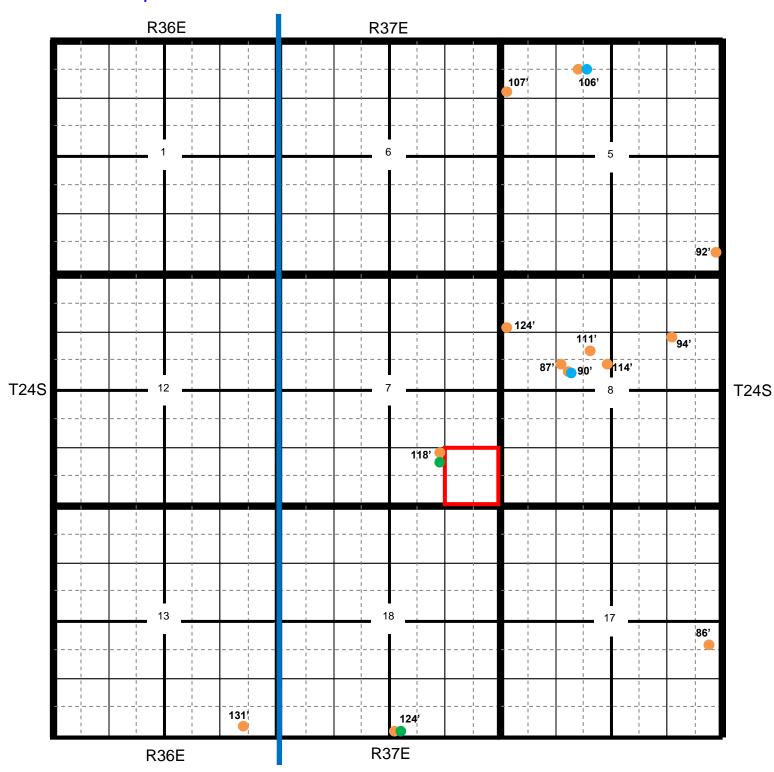
### Oxy MLMU #247

CountyUnit LetterSectionTownshipRangeLea CountyP724S37E

Trend Map 100'

Location

OCD



USGS

SEO

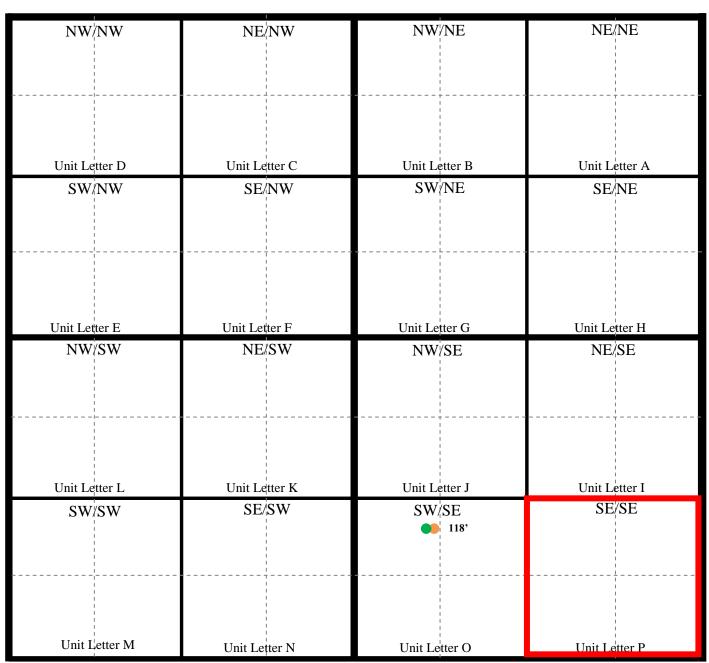
All Databases

### Oxy MLMU #247

CountyUnit LetterSectionTownshipRangeLea CountyP724S37E

Trend Map 100'

1



3

### Laboratory Analytical Results Summary MLMU #247

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'
Analyte	Method	Date	4/14/16	4/14/16	4/14/16	4/14/16
			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
<b>Total Xylenes</b>	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		1440	80	80	16
GRO	TPH 8015M		<10.0	<10.0	n/a	n/a
DRO	TPH 8015M		<10.0	<10.0	n/a	n/a

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	4/14/16	4/14/16	4/14/16	4/14/16
			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
<b>Total Xylenes</b>	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		1200	1420	640	96
GRO	TPH 8015M		<10.0	<10.0	n/a	n/a
DRO	TPH 8015M		14.1	<10.0	n/a	n/a

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'	SP3 @ 6'	SP3 @ 7'	SP3 @ 8'	SP3 @ 9'	SP3 @ 10'
Analyte	Method	Date	4/14/16	4/14/16	4/14/16	4/14/16	4/14/16	4/15/16	10/20/16	10/20/16	10/20/16
			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		1300	176	752	256	640	592	480	512	32
GRO	TPH 8015M		<10.0	<10.0	n/a						
DRO	TPH 8015M		<10.0	<10.0	n/a						

		Sample	SP4 @ 1'	SP4 @ 3'	SP4 @ 5'	SP4 @ 7'	SP4 @ 9'	SP4 @ 10'	SP4 @ 11'	SP4 @ 16'	SP4 @ 20'	SP4 @ 30'	SP4 @ 35'	SP4 @ 40'	SP4 @ 41'	SP4 @ 42'
Analyte	Method	Date	4/15/16	4/15/16	4/15/16	4/15/16	4/15/16	4/15/16	10/20/16	10/20/16	10/20/16	10/20/16	10/20/16	10/20/16	10/20/16	10/20/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		< 0.050	< 0.050	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<b>Total Xylenes</b>	BTEX 8021B		< 0.150	< 0.150	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		< 0.300	< 0.300	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Chloride	SM4500CI-B		1310	2080	1360	2000	1800	1880	928	1280	1640	1010	400	288	288	256
GRO	TPH 8015M		<10.0	<10.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	<10.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a



April 26, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MLMU #247

Enclosed are the results of analyses for samples received by the laboratory on 04/21/16 8:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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)

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: 04/21/2016 Reported: 04/26/2016

04/26/2016 MLMU #247

Project Number: NONE GIVEN
Project Location: JAL, NEW MEXICO

Sampling Date: 04/14/2016

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

### Sample ID: SB 1 @ 1' (H600863-01)

Project Name:

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2016	ND	2.14	107	2.00	2.41	
Toluene*	<0.050	0.050	04/22/2016	ND	2.06	103	2.00	2.59	
Ethylbenzene*	<0.050	0.050	04/22/2016	ND	1.87	93.6	2.00	3.31	
Total Xylenes*	<0.150	0.150	04/22/2016	ND	5.74	95.6	6.00	3.02	
Total BTEX	<0.300	0.300	04/22/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	04/22/2016	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	04/22/2016	ND	188	93.9	200	8.09	
DRO >C10-C28	<10.0	10.0	04/22/2016	ND	217	109	200	11.4	
Surrogate: 1-Chlorooctane	80.9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	86.2	% 28-171							

Cardinal Laboratories \*=Accredited Analyte

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Jodi Henson

Sample Received By:



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/21/2016 Sampling Date: 04/14/2016

Reported: 04/26/2016 Sampling Type: Soil
Project Name: MLMU #247 Sampling Condition: Cool & Intact

Project Number: NONE GIVEN
Project Location: JAL, NEW MEXICO

### Sample ID: SB 1 @ 2' (H600863-02)

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	04/22/2016	ND	2.03	101	2.00	0.809	
Toluene*	< 0.050	0.050	04/22/2016	ND	1.96	98.0	2.00	0.581	
Ethylbenzene*	< 0.050	0.050	04/22/2016	ND	1.77	88.7	2.00	0.792	
Total Xylenes*	<0.150	0.150	04/22/2016	ND	5.46	90.9	6.00	0.270	
Total BTEX	<0.300	0.300	04/22/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4 %	% 73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/22/2016	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	04/22/2016	ND	188	93.9	200	8.09	
DRO >C10-C28	<10.0	10.0	04/22/2016	ND	217	109	200	11.4	
Surrogate: 1-Chlorooctane	79.6 %	% 35-147	,						
Surrogate: 1-Chlorooctadecane	87.0 9	6 28-171							

### Sample ID: SB 1 @ 3' (H600863-03)

Chloride, SM4500Cl-B mg/kg		Analyze	d By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/22/2016	ND	416	104	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:
 04/21/2016
 Sampling Date:
 04/14/2016

 Reported:
 04/26/2016
 Sampling Type:
 Soil

Project Name: MLMU #247 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: JAL, NEW MEXICO

mg/kg

### Sample ID: SB 1 @ 4' (H600863-04)

Chloride, SM4500Cl-B

GRO C6-C10

DRO >C10-C28

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/22/2016	ND	416	104	400	3.92	
Sample ID: SB 2 @ 1' (H600863	3-05)								
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	04/22/2016	ND	2.03	101	2.00	0.809	
Toluene*	<0.050	0.050	04/22/2016	ND	1.96	98.0	2.00	0.581	
Ethylbenzene*	<0.050	0.050	04/22/2016	ND	1.77	88.7	2.00	0.792	
Total Xylenes*	<0.150	0.150	04/22/2016	ND	5.46	90.9	6.00	0.270	
Total BTEX	<0.300	0.300	04/22/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 73.6-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	04/22/2016	ND	416	104	400	3.92	
TPH 8015M	PH 8015M mg/kg			d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Analyzed By: HM

Surrogate: 1-Chlorooctane 91.7 % 35-147
Surrogate: 1-Chlorooctadecane 92.8 % 28-171

<10.0

14.1

10.0

10.0

Cardinal Laboratories \*=Accredited Analyte

ND

ND

188

217

93.9

109

200

200

8.09

11.4

04/22/2016

04/22/2016

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/21/2016 Sampling Date: 04/14/2016

Reported: 04/26/2016 Sampling Type: Soil

Project Name: MLMU #247 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: MC

Project Location: JAL, NEW MEXICO

ma/ka

### Sample ID: SB 2 @ 2' (H600863-06)

RTFY 8021R

B1EX 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	04/22/2016	ND	2.03	101	2.00	0.809	
Toluene*	< 0.050	0.050	04/22/2016	ND	1.96	98.0	2.00	0.581	
Ethylbenzene*	< 0.050	0.050	04/22/2016	ND	1.77	88.7	2.00	0.792	
Total Xylenes*	<0.150	0.150	04/22/2016	ND	5.46	90.9	6.00	0.270	
Total BTEX	<0.300	0.300	04/22/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5 %	% 73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	04/22/2016	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	04/22/2016	ND	188	93.9	200	8.09	
DRO >C10-C28	<10.0	10.0	04/22/2016	ND	217	109	200	11.4	
Surrogate: 1-Chlorooctane	78.6 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	82.5 9	% 28-171							

### Sample ID: SB 2 @ 3' (H600863-07)

Chloride, SM4500Cl-B mg/kg		Analyze	d By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	04/22/2016	ND	416	104	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: 04/21/2016 Sampling Date: 04/14/2016

Reported: 04/26/2016 Sampling Type: Soil

JAL, NEW MEXICO

Project Name: MLMU #247 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Sample ID: SB 2 @ 4' (H600863-08)

Project Location:

Chloride, SM4500Cl-B	mg/	mg/kg		d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/22/2016	ND	416	104	400	3.92	

### Sample ID: SB 3 @ 1' (H600863-09)

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	04/22/2016	ND	2.03	101	2.00	0.809	
Toluene*	<0.050	0.050	04/22/2016	ND	1.96	98.0	2.00	0.581	
Ethylbenzene*	<0.050	0.050	04/22/2016	ND	1.77	88.7	2.00	0.792	
Total Xylenes*	< 0.150	0.150	04/22/2016	ND	5.46	90.9	6.00	0.270	
Total BTEX	<0.300	0.300	04/22/2016	ND					

Surrogate: 4-Bromoflyorobenzene (PID 97.9 % 73.6-140

Surrogate: 4-Bromofluorobenzene (PID	97.9	% 73.6-14	40						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1300	16.0	04/22/2016	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/22/2016	ND	188	93.9	200	8.09	
DRO >C10-C28	<10.0	10.0	04/22/2016	ND	217	109	200	11.4	
Surrogate: 1-Chlorooctane	86.3	% 35-147	7						

Surrogate: 1-Chlorooctane 86.3 % 35-147
Surrogate: 1-Chlorooctadecane 92.9 % 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: 04/21/2016 Sampling Date: 04/14/2016

Reported: 04/26/2016 Sampling Type: Soil

Project Name: MLMU #247 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: JAL, NEW MEXICO

### Sample ID: SB 3 @ 2' (H600863-10)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2016	ND	2.03	101	2.00	0.809	
Toluene*	<0.050	0.050	04/22/2016	ND	1.96	98.0	2.00	0.581	
Ethylbenzene*	<0.050	0.050	04/22/2016	ND	1.77	88.7	2.00	0.792	
Total Xylenes*	<0.150	0.150	04/22/2016	ND	5.46	90.9	6.00	0.270	
Total BTEX	<0.300	0.300	04/22/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/22/2016	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	04/22/2016	ND	188	93.9	200	8.09	
DRO >C10-C28	<10.0	10.0	04/22/2016	ND	217	109	200	11.4	
Surrogate: 1-Chlorooctane	83.0	% 35-147	,						
Surrogate: 1-Chlorooctadecane	90.2	% 28-171							

### Sample ID: SB 3 @ 3' (H600863-11)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	04/22/2016	ND	416	104	400	3.92	

Cardinal Laboratories \*=Accredited Analyte

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04/14/2016



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/21/2016 Sampling Date:

Reported: 04/26/2016 Sampling Type: Soil

Project Name: MLMU #247 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: JAL, NEW MEXICO

Sample ID: SB 3 @ 4' (H600863-12)

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

**Chloride** 256 16.0 04/22/2016 ND 416 104 400 3.92

Sample ID: SB 3 @ 6' (H600863-13)

Chloride, SM4500Cl-B Analyzed By: HM mg/kg Reporting Limit Analyzed BS True Value QC RPD Qualifier Analyte Result Method Blank % Recovery Chloride 640 16.0 04/22/2016 416 400 3.92 ND 104

Sample ID: SB 3 @ 7' (H600863-14)

Chloride, SM4500Cl-B mg/kg Analyzed By: HM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 592 04/22/2016 ND 400 0.00 16.0 416 104

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/21/2016 Sampling Date: 04/15/2016

Reported: 04/26/2016 Sampling Type: Soil

JAL, NEW MEXICO

Project Name: MLMU #247 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Sample ID: SB 4 @ 1' (H600863-15)

Project Location:

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	04/22/2016	ND	2.03	101	2.00	0.809	
Toluene*	< 0.050	0.050	04/22/2016	ND	1.96	98.0	2.00	0.581	
Ethylbenzene*	< 0.050	0.050	04/22/2016	ND	1.77	88.7	2.00	0.792	
Total Xylenes*	< 0.150	0.150	04/22/2016	ND	5.46	90.9	6.00	0.270	
Total BTEX	<0.300	0.300	04/22/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.0	% 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	04/22/2016	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/22/2016	ND	188	93.9	200	8.09	
DRO >C10-C28	<10.0	10.0	04/22/2016	ND	217	109	200	11.4	
Surrogate: 1-Chlorooctane	94.4 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	99.0	% 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: 04/21/2016 Sampling Date: 04/15/2016

Reported: 04/26/2016 Sampling Type: Soil

JAL, NEW MEXICO

Project Name: MLMU #247 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Sample ID: SB 4 @ 3' (H600863-16)

Project Location:

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2016	ND	2.03	101	2.00	0.809	
Toluene*	<0.050	0.050	04/22/2016	ND	1.96	98.0	2.00	0.581	
Ethylbenzene*	<0.050	0.050	04/22/2016	ND	1.77	88.7	2.00	0.792	
Total Xylenes*	<0.150	0.150	04/22/2016	ND	5.46	90.9	6.00	0.270	
Total BTEX	<0.300	0.300	04/22/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2 9	% 73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	04/22/2016	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						

Method Blank

ND

ND

BS

188

217

% Recovery

93.9

109

True Value QC

200

200

RPD

8.09

11.4

Qualifier

Analyzed

04/22/2016

04/22/2016

Surrogate: 1-Chlorooctane 142 % 35-147

Result

<10.0

<10.0

155 %

Reporting Limit

10.0

10.0

28-171

### Sample ID: SB 4 @ 5' (H600863-17)

Analyte

Surrogate: 1-Chlorooctadecane

GRO C6-C10

DRO >C10-C28

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	04/22/2016	ND	416	104	400	0.00	

Cardinal Laboratories \*=Accredited Analyte

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04/15/2016



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/21/2016 Sampling Date:

16.0

Reported: Sampling Type: Soil 04/26/2016 Project Name: MLMU #247 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: JAL, NEW MEXICO

Sample ID: SB 4 @ 7' (H600863-18)

Chloride, SM4500Cl-B mg/kg Analyzed By: HM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 2000 04/22/2016 ND 416 400 0.00

Sample ID: SB 4 @ 9' (H600863-19)

Chloride, SM4500Cl-B Analyzed By: HM mg/kg Reporting Limit Analyzed BS True Value QC RPD Qualifier Analyte Result Method Blank % Recovery Chloride 1800 16.0 04/22/2016 416 400 0.00 ND 104

Sample ID: SB 4 @ 10' (H600863-20)

Chloride, SM4500Cl-B mg/kg Analyzed By: HM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 1880 04/22/2016 ND 400 0.00 16.0 416 104

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Celeg & Kreene



### **Notes and Definitions**

QR-03 The RPD value for the sample duplicate or MS/MSD was outside if QC acceptance limits due to matrix interference. QC batch

accepted based on LCS and/or LCSD recovery and/or RPD values.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

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

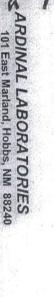
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### ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (Enst 393-2326 Eax (505) 393-2476

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2320	(505) 393-2320 FAA (505) 393-2470			*
Company Name: BBC International, Inc.	tional, Inc.	BILLTO	ANALYSIS REQUEST	
Project Manager: Cliff Brunson		P.O. #:		
Address: P.O. Box 805		Company: OXU		
city: Hobbs	State: NM Zip: 88241	Attn: Cased Sumple T	,	
Phone #: 575-397-6388	Fax#: 575-397-0397	Address:		
Project #:	Project Owner: CXU	City:		
Project Name: M	1 (172# NWT)	State: Zip:	7/	
Project Location:		Phone #:		
Sampler Name:	T lle mindet	Fax #:	7/1/2/	1
FOR LAB USE ONLY	MATRIX	PRESERV SAMPLING	H T DK	
Lab I.D. Sample I.D.	CAB OR (C)OM ONTAINERS OUNDWATER STEWATER	JER: D/BASE: / COOL JER:	7P) BIE CHI	
HIGOURG'	# C GR WA SOI OIL	ACI ICE		
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PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive renamens. All claims including those for negligence and any other cause whatsoever service. In no event shall Cardinal be liable for incidental or consequental damages.		tedy for any claim arising whether based in contract or tork shall be limited to the amount paid by the client for the shall be deemed waived unless made in writing and received by Cardinal within 30 days after competion of the a including without limitation; business interruptions, bass of use, or loss of profits incurred by client, its subsidiaries	nf for the no control of the second of the applicable second of the applicable second of the second	
Relinquished By:	Date: 70.16 Received By:	Phone Resulf:	Phone Result: Yes No Add'! Phone #:  Fax Result: Yes No Add'! Fax #:	
Roger to marke	35	LULLOW REMARKS:	1 100	
	Time:			
	Sample Condition Cool Intact Thres IT res	tion CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:	1	S - / X/-		

t Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

7	(505) 393-2326 FAX (505) 393-2476				1
ompany Name:	Company Name: BBC International, Inc.		BILL TO	ANALYSI	ANALYSIS REQUEST
roject Manager: Cliff Brunson	Cliff Brunson		P.O.#:		
Address: P.O. Box 805			Company: OKY		
city: Hobbs	State: NM	Zip: 88241	Attn: Casey Jummer	<del>                                      </del>	
hone #: 575-397-6388	Fax#:	575-397-0397	Address:		
oroject #:	Project Owner:	ON	City:	7	Tipo y
Project Name:	MINNU #	1,665	State: Zip:	01	100 (100 (100 (100 (100 (100 (100 (100
Project Location:			Phone #:	77,	
Sampler Name:	Post Himmede Z		Fax #:	X	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	7/4 E 70	
Lab I.D.	Sample I.D.	JDGE	HER: ID/BASE: :/COOL HER:	7 A 81 CAD	
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*LEASE NOTE: Liability and Da nalyses. All claims including the ervice. In no event shall Cardin	mages. Cardinal's liability use for negligence and am al be liable for incidental o	and cient's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the other cause whatsoever shall be deemed warved unless made in writing and received by Cardinal within r consequental damages, including without limitation; business interruptions, loss of use, or loss of politis in	r furt, shall be limited to the amount paid by the ca received by Cardinal within 30 days after completions of use or loss of profits incurred by client, its si	y the client for the ompetion of the applicable nt its subsidiaries.	
Relinquished By:	elinquished By:    Date:	geived By:		Phone Result: Yes No Add'l Phone #:	#.
Relinquished By:	14111161 Time: 840	Received By:	burgen -		
	Time:			***************************************	
Delivered By: (Circle One) Sampler - UPS - Bus - Other	(Circle One)  Bus - Other:	Sample Condition  Cool Intact  Types 14 res	On CHECKED BY:		
Parily - OF 9 -	DUS - CHIEL.				一方ののこれのできないとはないなどのではないのできないないのできないというないのできないというないのできないというないのできないというないのできないというないできないというできないというできないという

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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October 27, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MLMU #247

Enclosed are the results of analyses for samples received by the laboratory on 10/21/16 15:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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. 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

10/20/2016



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 10/21/2016 Sampling Date:

Reported: 10/27/2016 Sampling Type: Soil

Project Name: MLMU #247 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: JAL, NEW MEXICO

### Sample ID: SP 4 @ 11' (H602379-01)

Chloride, SM4500Cl-B	mg,	/kg Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	10/24/2016	ND	416	104	400	0.00	
Sample ID: SP 4 @ 16' (H	602379-02)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	10/24/2016	ND	416	104	400	0.00	
Sample ID: SP 4 @ 20' (H	602270_02\								
Jumpic ID: 51 4 @ 20 (ii	002379-03)								
	mg,	/kg	Analyze	d By: AC					
Chloride, SM4500Cl-B  Analyte	-	/kg Reporting Limit	<b>Analyze</b> Analyzed	d By: AC  Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride, SM4500CI-B	mg		-		BS 416	% Recovery	True Value QC 400	RPD 0.00	Qualifier
Chloride, SM4500Cl-B  Analyte	mg, Result 1640	Reporting Limit	Analyzed	Method Blank		,	·		Qualifier
Chloride, SM4500CI-B  Analyte  Chloride  Sample ID: SP 4 @ 30' (H	mg, Result 1640	Reporting Limit	Analyzed	Method Blank ND		,	·		Qualifier
Chloride, SM4500CI-B  Analyte  Chloride	mg, Result 1640 602379-04)	Reporting Limit	Analyzed 10/24/2016	Method Blank ND		,	·		Qualifier

### 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: 10/21/2016 Sampling Date: 10/20/2016

Reported: 10/27/2016 Sampling Type: Soil

Project Name: MLMU #247 Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Jodi Henson

Project Location: JAL, NEW MEXICO

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
400	16.0	10/04/0016				-		•
		10/24/2016	ND	416	104	400	0.00	
379-06)								
loride, SM4500Cl-B mg/kg		Analyzed By: AC						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
288	16.0	10/24/2016	ND	416	104	400	0.00	
	mg Result	mg/kg  Result Reporting Limit  288 16.0	mg/kg Analyze  Result Reporting Limit Analyzed  288 16.0 10/24/2016	mg/kg Analyzed By: AC  Result Reporting Limit Analyzed Method Blank  288 16.0 10/24/2016 ND	mg/kg Analyzed By: AC  Result Reporting Limit Analyzed Method Blank BS  288 16.0 10/24/2016 ND 416	mg/kg Analyzed By: AC  Result Reporting Limit Analyzed Method Blank BS % Recovery  288 16.0 10/24/2016 ND 416 104	mg/kg Analyzed By: AC  Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC  288 16.0 10/24/2016 ND 416 104 400	mg/kg     Analyzed By: AC       Result     Reporting Limit     Analyzed     Method Blank     BS     % Recovery     True Value QC     RPD       288     16.0     10/24/2016     ND     416     104     400     0.00

### Sample ID: SP 4 @ 41' (H602379-07)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	10/24/2016	ND	416	104	400	0.00	

### Sample ID: SP 4 @ 42' (H602379-08)

Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/24/2016	ND	416	104	400	0.00	

### Sample ID: SP 3 @ 8' (H602379-09)

Chloride, SM4500Cl-B	OCI-B mg/kg		Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	10/24/2016	ND	416	104	400	0.00	

### 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: 10/21/2016 Sampling Date: 10/20/2016

Reported: 10/27/2016 Sampling Type: Soil

Project Name: MLMU #247 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: JAL, NEW MEXICO

Sample ID: SP 3 @ 9' (H602379-10)

Chloride, SM4500CI-B mg/kg Analyzed By: AC

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

**Chloride** 512 16.0 10/24/2016 ND 416 104 400 0.00

Sample ID: SP 3 @ 10' (H602379-11)

Chloride, SM4500Cl-B Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS True Value QC RPD Qualifier Analyte % Recovery Chloride 32.0 16.0 10/24/2016 416 104 400 0.00 ND

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 whistoever 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.

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### **Notes and Definitions**

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

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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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-24/6			DOCUMENT TO THE PROPERTY OF TH	ביייי ייייי סייס סדסוודפד
company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST
	P.O. #:	#		
Address: P.O. Box 805	Com	Company:		
State: NM	Zip: 88241 Attn:			
5-397-6388 Fax #:	575-397-0397 Add	Address:		
Project #: Project Owner:	City:			
Project Name: MMW #247	State:	le: Zip:		
Project Location:	Pho	Phone #:		
Sampler Name: Once Brunsen	Fax		_	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING		
Lab I.D. Sample I.D.	DGE IER :	D/BASE: / COOL HER :	L	
4602379	# CO GRO WA SOI OIL SLU	OT DATE	TIME	
	70		145	
30000	00	0/ 9/00/1	00	
105 C 108 H	6-	6	8	
5 6040 35	0		28	
6 804840	0	7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	100	
7 27 697	20	00	250	
18 (B. C. B.	6	103010 3	300	
5 6500	6	10 00 10 3	15 2	
PLEASE NOTE: Liability and Danages, Cardina's liability and client's exclusive remedy for any claim arising whether based in contract or tot, shall be limited to the amount paid by the client for the applicable 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 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.	any claim arising whether based in contract or tor deemed waived unless made in writing and received the factor of the state of the sta	<ul> <li>t, shall be limited to the amount paid by the client for the ived by Cardinal within 30 days after completion of the all tuse, or loss of profits incurred by client, its subsidiaries.</li> </ul>	he client for the  pletion of the applicable  its subsidiaries,	
service. In no event shall Cardinal be liable for incidental or consequential data and a state of services affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.    Phone Result	performance of services hereunder by Cardinal, regardless of whether such daim is based upon any of the above stated reasons or otherwise performance of services hereunder by Cardinal, regardless of whether such daim is based upon any of the above stated reasons or otherwise	ed upon any of the above stated reasons	or otherwise.	
Relinquished By:  Date: O. U. 16  Time: - 00	Received By:	REFE	□ Yes	Add'l Fax #:
Relinquished By:  Date:  Times:  Times:	Received By:	MABA		
	-	CHECKED BY:		
Sampler - UPS - Bus - Other:	1.50 Pres Pres	TA T		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(000/00	0 2020 : : :: (000) : : : :				
Company Name: BBC	BBC International, Inc.		BILL 10		ANALISIS NEGOCO:
Project Manager: Cliff I	Cliff Brunson		P.O. #:		
Address: P.O. Box 805	)5		Company:		
city: Hobbs	State: NM	Zip: 88241	Attn:		
Phone #: 575-397-6388	Fax #:	575-397-0397	Address:		
Project #:	Project Owner: OXY	ar: OXV	City:		
Project Name: MLMM	#247		State: Zip:		
š			Phone #:		
Sampler Name: hoze	Burson		Fax #:		
		MATRIX	PRESERV. SAMPLING	6	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	TIME	
16811	0/0	-	1020/16	335	
PLEASE NOTE: Liability and Damages. analyses. All claims including those for n service. In no event shall Cardinal be liat	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 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.	or any claim arising whether based in contra be deemed waived unless made in writing a ding without limitation, business interruptions	ct or tort, shall be limited to the amount pair nd received by Cardinal within 30 days after loss of use, or loss of profits incurred by one of the pair of the above stated re-	d by the client for the r completion of the applicable client, its subsidiaries,	
affiliates or successors arising out of or rei	aed to the performance of services iren	Received By:	mound.	70 70 70	ss □ No Add'l Phone#: ss □ No Add'l Fax#:
Relinquished By:	Date:	Received By:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other		Sample Condition Cool Intact Cool Intact Types Types	ition CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:			THE STATE OF THE S		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

<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

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

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

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

**Release Notification and Corrective Action** 

Form C-141

Revised August 8, 2011

						OPERA?	ГOR		✓ Initia	al Report		Final R	eport
Name of Co		Oxy Permiai					Casey Summers						
Address 6 Desta Drive, Midland, TX 79705						Telephone I	<u> </u>	-8289					
Facility Nar	ne MLN	MU #247			]_	Facility Typ	e Well						
Surface Ow	ner Kell	y Myers		Mineral C	)wner				API No	. 30-025-	11044		
				LOCA	TIO	N OF REI	LEASE						
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	East/	West Line	County			
P	7	245	37E							Lea Count	v. NM		
	•			Latitude <u>N 32.2</u>	2625°	Longitu	de <u>W 103.1956</u>	<u>7°</u>		,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
				NAT	URE	OF REL							
Type of Rele		nd produced w			<u></u>	7 bbls proc	Release 3 bbls of luced water			Recovered			
Source of Release Compromised 2" steel production flow line						Date and Hour of Occurrence O4/07/2016 Date and Hour of Discording Page 2016							
Was Immediate Notice Given?  ☐ Yes ☐ No ☐ Not Required							Whom? es-NMOCD						
By Whom? Kathy Purvis @ BBC International							Iour 04/07/201						
Was a Watercourse Reached?  ☐ Yes ☒ No						If YES, Vo	olume Impacting t	the Wat	ercourse.				
If a Watercourse was Impacted, Describe Fully.*													
	Describe Cause of Problem and Remedial Action Taken.*												
Describe Cau	se of Probl	em and Remed	dial Action	n Taken.*									
A compromised 2" steel production flow line leaked 3 bbls of oil and 7 bbls of produced water. No fluids were recovered and the line was repaired/replaced.													
Describe Are	a Affected	and Cleanup A											
The affected area is approximately 12' x 25' both on and off location about 45' west of the wellhead. Remediation will be completed in accordance remediation plan approved by NMOCD.  Thereby certify that the information given above is true and complete to the best of my knowledge and understand that pressure to NMOCD rules are									h a				
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.								ih					
			OIL CONSERVATION DIVISION										
Signature:													
Printed Name	: Casey	Summers		Approved by Environmental Specialist:									
Title: NM	Environme	ntal Advisor				Approval Dat	le:		Expiration	Date:			
E-mail Addre	ess: Case	y_Summers@	oxy.com			Conditions of	「Approval:			Attached			
] <sub>D-1-1</sub>	1_11_	10	D!	(ETE) E12 02						Attached			
* Attach Addit	tional She	ets If Necess	Phone:	(575) 513-82	.09					1			
- Lucion / Lucio	HOHEL DITE	11 1466633	· · · J										