

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 - MANDA B TRACT C TANK BATTERY

1RP - 3111 1RP - 3173

### **REMEDIATION PLAN**

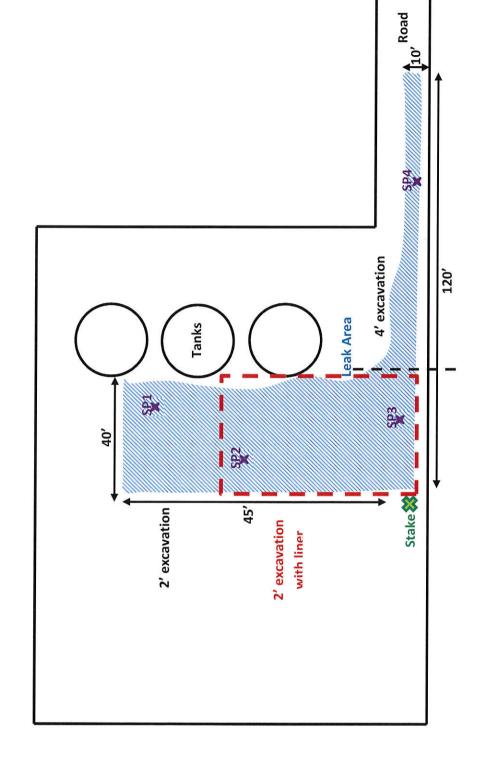
Oxy will excavate spill area as depicted on the attached site diagram. Two spills occurred shortly after one another and this plan addresses both spills. The area on the west side of the spill near SP1, SP2, and SP3 will be excavated to a depth of 2 feet. The area around SP2 and SP3 will have a liner installed after the excavation.

The southern part of the spill area will be excavated to a depth of 4 feet. This plan will remove the contaminants to OCD acceptable levels as agreed upon.

The site will then be backfilled with clean soil.

## Manda B Tract C Tank Battery

Oxy



Lea County, NM

DRWG by: K. Purvis

Date: 03/28/14 NOT TO SCALE

File: Oxy 2014

Manda B Tract C Tank Battery

Oxy

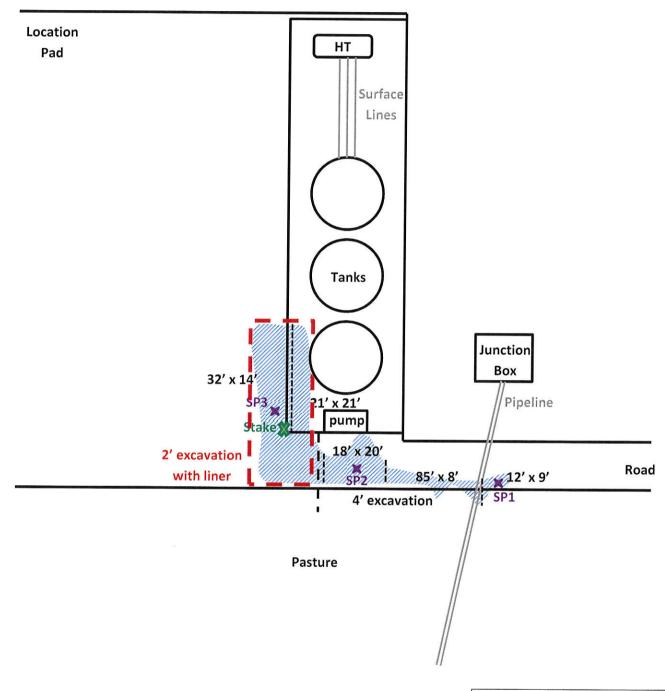
BBC International, Inc.

U/L C, Section 28, T225, R37E N 32.36877° W 103.16985°

### N 1

### Manda B Tract C Tank Battery (5/20/14)

Оху



U/L C, Section 28, T22S, R37E Lea County, NM N 32.36871° W 103.16980°

<b>BBC Interr</b>	national, Inc.
(	Оху
Manda B Trac	ct C Tank Battery
Date: 05/23/2014	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2014

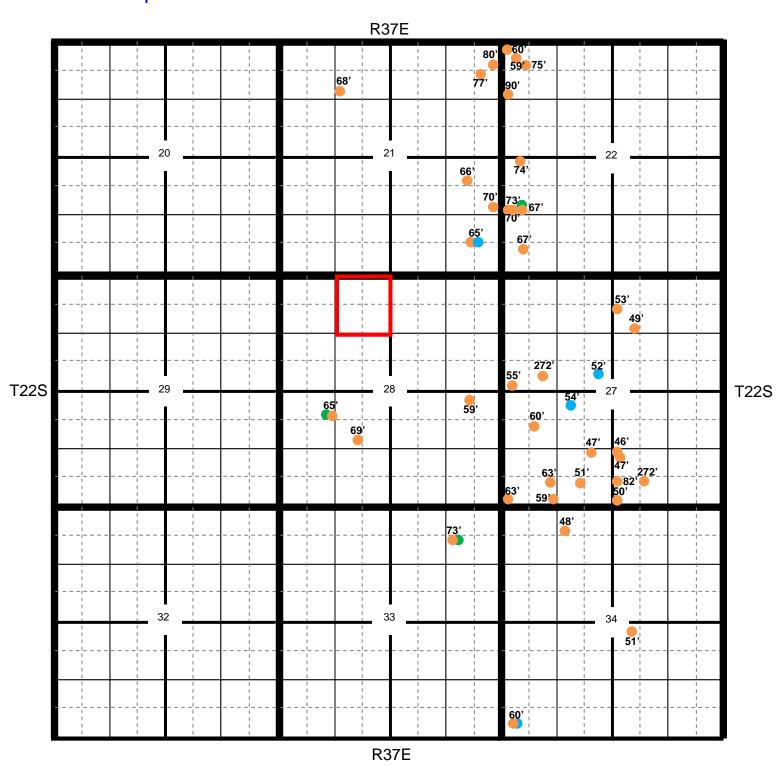


### **Groundwater Plot**

### Oxy Manda B Tract C Tank Battery

CountyUnit LetterSectionTownshipRangeLeaC2822S37E

Trend Map 50'-100'



Location

OCD

USGS

SEO

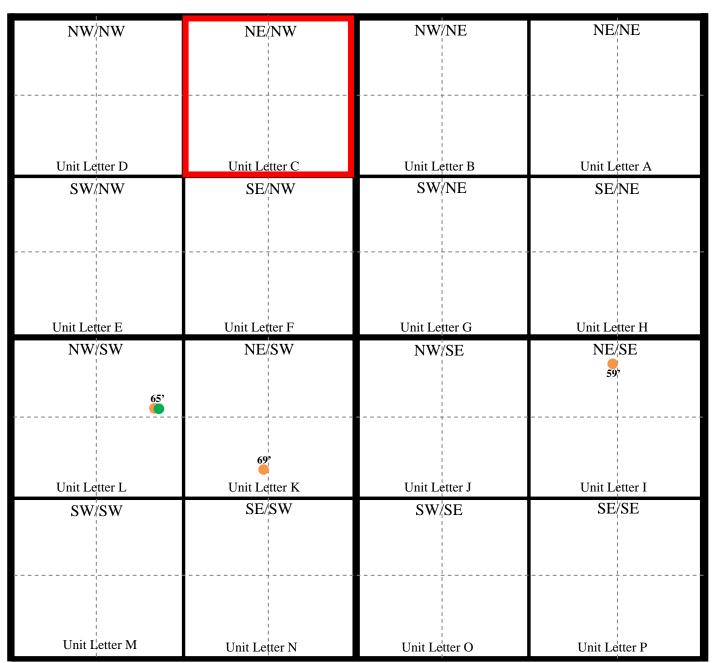
All Databases

### Oxy Manda B Tract C Tank Battery

CountyUnit LetterSectionTownshipRangeLeaC2822S37E

Trend Map 50'-100'

1



3

### Laboratory Analytical Results Summary Manda B Tract C Tank Battery

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 5'
Analyte	Method	Date	4/15/14	4/15/14	4/15/14	4/15/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	<0.050	< 0.050
Total Xylenes	BTEX 8021B		< 0.150	< 0.150	< 0.150	< 0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		32	368	640	160
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 6'	SP2 @ 9'
Analyte	Method	Date	4/15/14	4/15/14	4/15/14	4/17/14	4/17/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.100	< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		<0.100	< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		0.113	< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		0.506	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		0.62	< 0.300	< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		96	320	528	752	288
GRO	TPH 8015M		14.8	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		492	35.8	<10.0	<10.0	<10.0

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 6'	SP3 @ 8'
Analyte	Method	Date	4/17/14	4/17/14	4/17/14	4/17/14	4/17/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		256	736	704	304	192
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	37	<10.0	30.4	<10.0

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 5'	SP4 @ 7'
Analyte	Method	Date	4/17/14	4/17/14	4/17/14	4/17/14	4/17/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		5760	9120	8500	240	288
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0

### Laboratory Analytical Results Summary Manda B Tract C Tank Battery

		Sample	SP1 @ 1'	SP1 @ 3'	SP1 @ 5'	SP1 @ 6'
Analyte	Method	Date	5/22/14	5/22/14	5/22/14	8/28/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		7920	1020	608	240

		Sample	SP2 @ 1'	SP2 @ 3'	SP2 @ 4'	SP2 @ 5'
Analyte	Method	Date	5/22/14	5/22/14	5/22/14	8/28/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		544	592	368	288

		Sample	SP3 @ 1'	SP3 @ 3'	SP3 @ 5'	SP3 @ 7'	SP3 @ 9'	SP3 @ 10'
Analyte	Method	Date	5/22/14	5/22/14	5/22/14	5/22/14	5/22/14	8/28/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		752	528	544	704	336	336



April 28, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MANDA B TRACT C

Enclosed are the results of analyses for samples received by the laboratory on 04/21/14 16:25.

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



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

Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/21/2014 Sampling Date: 04/15/2014 Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 1 @ 1 (H401194-01)

BTEX 8021B	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2014	ND	2.29	115	2.00	2.53	
Toluene*	<0.050	0.050	04/22/2014	ND	2.16	108	2.00	2.19	
Ethylbenzene*	<0.050	0.050	04/22/2014	ND	2.14	107	2.00	2.07	
Total Xylenes*	<0.150	0.150	04/22/2014	ND	6.22	104	6.00	1.49	
Total BTEX	<0.300	0.300	04/22/2014	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	32.0	16.0	04/24/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/22/2014	ND	184	91.9	200	5.44	
DRO >C10-C28	<10.0	10.0	04/22/2014	ND	195	97.7	200	3.58	
Surrogate: 1-Chlorooctane	114 9	% 65.2-14	0						
Surrogata: 1 Chloroctadacana	111 0	V 63 6 15	1						

111 % Surrogate: 1-Chlorooctadecane 63.6-154

Cardinal Laboratories \*=Accredited Analyte

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

Fax To: (575) 397-0397

Received: 04/21/2014 Sampling Date: 04/15/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 1 @ 2 (H401194-02)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2014	ND	2.29	115	2.00	2.53	
Toluene*	<0.050	0.050	04/22/2014	ND	2.16	108	2.00	2.19	
Ethylbenzene*	<0.050	0.050	04/22/2014	ND	2.14	107	2.00	2.07	
Total Xylenes*	<0.150	0.150	04/22/2014	ND	6.22	104	6.00	1.49	
Total BTEX	<0.300	0.300	04/22/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 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	368	16.0	04/24/2014	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/22/2014	ND	184	91.9	200	5.44	
DRO >C10-C28	<10.0	10.0	04/22/2014	ND	195	97.7	200	3.58	
Surrogate: 1-Chlorooctane	106	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	106	% 63 6-15	4						

Surrogate: 1-Chlorooctadecane 106 % 63.6-154

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

Fax To: (575) 397-0397

Received: 04/21/2014 Sampling Date: 04/15/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 1 @ 3 (H401194-03)

BTEX 8021B	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2014	ND	2.29	115	2.00	2.53	
Toluene*	<0.050	0.050	04/22/2014	ND	2.16	108	2.00	2.19	
Ethylbenzene*	<0.050	0.050	04/22/2014	ND	2.14	107	2.00	2.07	
Total Xylenes*	<0.150	0.150	04/22/2014	ND	6.22	104	6.00	1.49	
Total BTEX	<0.300	0.300	04/22/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 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	640	16.0	04/24/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/22/2014	ND	184	91.9	200	5.44	
DRO >C10-C28	<10.0	10.0	04/22/2014	ND	195	97.7	200	3.58	
Surrogate: 1-Chlorooctane	83.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	91.6	% 63 6-15	4						

Surrogate: 1-Chlorooctadecane 91.6 % 63.6-154

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

Fax To: (575) 397-0397

Received: 04/21/2014 Sampling Date: 04/15/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 1 @ 5 (H401194-04)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2014	ND	2.29	115	2.00	2.53	
Toluene*	< 0.050	0.050	04/22/2014	ND	2.16	108	2.00	2.19	
Ethylbenzene*	< 0.050	0.050	04/22/2014	ND	2.14	107	2.00	2.07	
Total Xylenes*	<0.150	0.150	04/22/2014	ND	6.22	104	6.00	1.49	
Total BTEX	<0.300	0.300	04/22/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/24/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/22/2014	ND	198	98.8	200	5.58	
DRO >C10-C28	<10.0	10.0	04/22/2014	ND	216	108	200	7.28	
Surrogate: 1-Chlorooctane	93.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	90.6	% 63.6-15	4						

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Fax To: (575) 397-0397

Received: 04/21/2014 Sampling Date: 04/15/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 2 @ 1 (H401194-05)

BTEX 8021B	mg/	kg	Analyze	d By: CK					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	04/22/2014	ND	2.29	115	2.00	2.53	
Toluene*	<0.100	0.100	04/22/2014	ND	2.16	108	2.00	2.19	
Ethylbenzene*	0.113	0.100	04/22/2014	ND	2.14	107	2.00	2.07	
Total Xylenes*	0.506	0.300	04/22/2014	ND	6.22	104	6.00	1.49	
Total BTEX	0.620	0.600	04/22/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	149 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	96.0	16.0	04/24/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	14.8	10.0	04/22/2014	ND	198	98.8	200	5.58	
DRO >C10-C28	492	10.0	04/22/2014	ND	216	108	200	7.28	
Surrogate: 1-Chlorooctane	120 9	% 65.2-14	0						

Surrogate: 1-Chlorooctadecane 121 % 63.6-154

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/21/2014 Sampling Date: 04/15/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 2 @ 2 (H401194-06)

BTEX 8021B	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2014	ND	2.29	115	2.00	2.53	
Toluene*	<0.050	0.050	04/22/2014	ND	2.16	108	2.00	2.19	
Ethylbenzene*	<0.050	0.050	04/22/2014	ND	2.14	107	2.00	2.07	
Total Xylenes*	<0.150	0.150	04/22/2014	ND	6.22	104	6.00	1.49	
Total BTEX	<0.300	0.300	04/22/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 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	320	16.0	04/24/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/22/2014	ND	198	98.8	200	5.58	
DRO >C10-C28	35.8	10.0	04/22/2014	ND	216	108	200	7.28	
Surrogate: 1-Chlorooctane	112 9	65.2-14	0						
G . 1 CH . 1	1066		,						

Surrogate: 1-Chlorooctadecane 106 % 63.6-154

Cardinal Laboratories \*=Accredited Analyte

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

Fax To: (575) 397-0397

Received: 04/21/2014 Sampling Date: 04/15/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 2 @ 3 (H401194-07)

BTEX 8021B	mg/	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2014	ND	1.71	85.4	2.00	2.47	
Toluene*	<0.050	0.050	04/22/2014	ND	1.71	85.4	2.00	3.28	
Ethylbenzene*	<0.050	0.050	04/22/2014	ND	1.70	85.1	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/22/2014	ND	5.08	84.7	6.00	3.50	
Total BTEX	<0.300	0.300	04/22/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 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	528	16.0	04/24/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/22/2014	ND	198	98.8	200	5.58	
DRO >C10-C28	<10.0	10.0	04/22/2014	ND	216	108	200	7.28	
Surrogate: 1-Chlorooctane	97.1	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	97.0	% 63 6-15	4						

Surrogate: 1-Chlorooctadecane 97.0 % 63.6-154

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Received: 04/21/2014 Sampling Date: 04/17/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 2 @ 6 (H401194-08)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2014	ND	1.71	85.4	2.00	2.47	
Toluene*	<0.050	0.050	04/23/2014	ND	1.71	85.4	2.00	3.28	
Ethylbenzene*	<0.050	0.050	04/23/2014	ND	1.70	85.1	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/23/2014	ND	5.08	84.7	6.00	3.50	
Total BTEX	<0.300	0.300	04/23/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	752	16.0	04/24/2014	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2014	ND	198	98.8	200	5.58	
DRO >C10-C28	<10.0	10.0	04/23/2014	ND	216	108	200	7.28	
Surrogate: 1-Chlorooctane	79.2	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	83.4	% 63 6-15	4						

Surrogate: 1-Chlorooctadecane 83.4 % 63.6-154

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Received: 04/21/2014 Sampling Date: 04/17/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 2 @ 9 (H401194-09)

BTEX 8021B	mg/	mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	2.47	
Toluene*	< 0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	3.28	
Ethylbenzene*	< 0.050	0.050	04/24/2014	ND	1.70	85.1	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/24/2014	ND	5.08	84.7	6.00	3.50	
Total BTEX	<0.300	0.300	04/24/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 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	288	16.0	04/24/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2014	ND	198	98.8	200	5.58	
DRO >C10-C28	<10.0	10.0	04/23/2014	ND	216	108	200	7.28	
Surrogate: 1-Chlorooctane	100 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	97.9	% 63.6-15	4						

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Received: 04/21/2014 Sampling Date: 04/17/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 3 @ 1 (H401194-10)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	2.47	
Toluene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	3.28	
Ethylbenzene*	<0.050	0.050	04/24/2014	ND	1.70	85.1	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/24/2014	ND	5.08	84.7	6.00	3.50	
Total BTEX	<0.300	0.300	04/24/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 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	256	16.0	04/24/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2014	ND	198	98.8	200	5.58	
DRO >C10-C28	<10.0	10.0	04/23/2014	ND	216	108	200	7.28	
Surrogate: 1-Chlorooctane	109 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	110 9	63.6-15	4						

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Celey D. Keine



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Received: 04/21/2014 Sampling Date: 04/17/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 3 @ 2 (H401194-11)

BTEX 8021B	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	2.47	
Toluene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	3.28	
Ethylbenzene*	<0.050	0.050	04/24/2014	ND	1.70	85.1	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/24/2014	ND	5.08	84.7	6.00	3.50	
Total BTEX	<0.300	0.300	04/24/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 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	736	16.0	04/24/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2014	ND	198	98.8	200	5.58	
DRO >C10-C28	37.0	10.0	04/23/2014	ND	216	108	200	7.28	
Surrogate: 1-Chlorooctane	101 9	% 65.2-14	0						
	07.7	0/ /2/15							

97.7 % 63.6-154 Surrogate: 1-Chlorooctadecane

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Received: 04/21/2014 Sampling Date: 04/17/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 3 @ 3 (H401194-12)

BTEX 8021B	mg/	mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	2.47	
Toluene*	< 0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	3.28	
Ethylbenzene*	< 0.050	0.050	04/24/2014	ND	1.70	85.1	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/24/2014	ND	5.08	84.7	6.00	3.50	
Total BTEX	<0.300	0.300	04/24/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 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	704	16.0	04/24/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2014	ND	198	98.8	200	5.58	
DRO >C10-C28	<10.0	10.0	04/23/2014	ND	216	108	200	7.28	
Surrogate: 1-Chlorooctane	104 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	100 9	63.6-15	4						

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Received: 04/21/2014 Sampling Date: 04/17/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 3 @ 6 (H401194-13)

BTEX 8021B	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	2.47	
Toluene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	3.28	
Ethylbenzene*	<0.050	0.050	04/24/2014	ND	1.70	85.1	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/24/2014	ND	5.08	84.7	6.00	3.50	
Total BTEX	<0.300	0.300	04/24/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	% 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	304	16.0	04/24/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2014	ND	198	98.8	200	5.58	
DRO >C10-C28	30.4	10.0	04/23/2014	ND	216	108	200	7.28	
Surrogate: 1-Chlorooctane	114 %	65.2-14	0						

Surrogate: 1-Chlorooctadecane 112 % 63.6-154

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Received: 04/21/2014 Sampling Date: 04/17/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 3 @ 8 (H401194-14)

BTEX 8021B	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	2.47	
Toluene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	3.28	
Ethylbenzene*	<0.050	0.050	04/24/2014	ND	1.70	85.1	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/24/2014	ND	5.08	84.7	6.00	3.50	
Total BTEX	<0.300	0.300	04/24/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 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	192	16.0	04/24/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2014	ND	198	98.8	200	5.58	
DRO >C10-C28	<10.0	10.0	04/23/2014	ND	216	108	200	7.28	
Surrogate: 1-Chlorooctane	96.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	95.2	% 63 6-15	4						

Surrogate: 1-Chlorooctadecane 95.2 % 63.6-154

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Received: 04/21/2014 Sampling Date: 04/17/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 4 @ 1 (H401194-15)

BTEX 8021B	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	2.47	
Toluene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	3.28	
Ethylbenzene*	<0.050	0.050	04/24/2014	ND	1.70	85.1	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/24/2014	ND	5.08	84.7	6.00	3.50	
Total BTEX	<0.300	0.300	04/24/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 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	5760	16.0	04/24/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2014	ND	198	98.8	200	5.58	
DRO >C10-C28	<10.0	10.0	04/23/2014	ND	216	108	200	7.28	
Surrogate: 1-Chlorooctane	110 9	65.2-14	0						
6	100 (								

Surrogate: 1-Chlorooctadecane 109 % 63.6-154

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Received: 04/21/2014 Sampling Date: 04/17/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 4 @ 2 (H401194-16)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	2.47	
Toluene*	< 0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	3.28	
Ethylbenzene*	< 0.050	0.050	04/24/2014	ND	1.70	85.1	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/24/2014	ND	5.08	84.7	6.00	3.50	
Total BTEX	<0.300	0.300	04/24/2014	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	9120	16.0	04/24/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2014	ND	198	98.8	200	5.58	
DRO >C10-C28	<10.0	10.0	04/23/2014	ND	216	108	200	7.28	
Surrogate: 1-Chlorooctane	105 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	104 9	63.6-15	4						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/21/2014 Sampling Date: 04/17/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 4 @ 3 (H401194-17)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	2.47	
Toluene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	3.28	
Ethylbenzene*	<0.050	0.050	04/24/2014	ND	1.70	85.1	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/24/2014	ND	5.08	84.7	6.00	3.50	
Total BTEX	<0.300	0.300	04/24/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 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	8500	16.0	04/24/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2014	ND	198	98.8	200	5.58	
DRO >C10-C28	<10.0	10.0	04/23/2014	ND	216	108	200	7.28	
Surrogate: 1-Chlorooctane	101 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	106 9	63.6-15	4						

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Celey D. Keine



BBC International, Inc. Cliff Brunson

P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/21/2014 Sampling Date: 04/17/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 4 @ 5 (H401194-18)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	2.47	
Toluene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	3.28	
Ethylbenzene*	<0.050	0.050	04/24/2014	ND	1.70	85.1	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/24/2014	ND	5.08	84.7	6.00	3.50	
Total BTEX	<0.300	0.300	04/24/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 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	240	16.0	04/24/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2014	ND	198	98.8	200	5.58	
DRO >C10-C28	<10.0	10.0	04/23/2014	ND	216	108	200	7.28	
Surrogate: 1-Chlorooctane	98.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	92.0	% 63.6-15	4						

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BBC International, Inc. Cliff Brunson

P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/21/2014 Sampling Date: 04/17/2014

Reported: 04/28/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: EUNICE, NM

### Sample ID: SP 4 @ 7 (H401194-19)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	2.47	
Toluene*	< 0.050	0.050	04/24/2014	ND	1.71	85.4	2.00	3.28	
Ethylbenzene*	< 0.050	0.050	04/24/2014	ND	1.70	85.1	2.00	2.80	
Total Xylenes*	<0.150	0.150	04/24/2014	ND	5.08	84.7	6.00	3.50	
Total BTEX	<0.300	0.300	04/24/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 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	288	16.0	04/24/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/23/2014	ND	198	98.8	200	5.58	
DRO >C10-C28	<10.0	10.0	04/23/2014	ND	216	108	200	7.28	
Surrogate: 1-Chlorooctane	94.2	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	90.5	% 63.6-15	4						

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### **Notes and Definitions**

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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### ARDINAL LABORATORIES

(505	101
(505) 393-2326 FAX (505) 393-2476	101 East Mariand, nones,
FAX (505)	משמט, חטווים
393-2476	OFTOO ININ .

lol	303) 393-2320 1 70 (303) 393-241				
Company Name:	BBC International, Inc.		BILL TO	ANALTSIS REQUEST	
Project Manager: Cliff Brunson	Cliff Brunson		P.O. #:		
Address: P.O. Box 805	ox 805		Company:		
city: Hobbs	State: NM	Zip: 88241	Attn:		
Phone #: 575-397-6388	Fax #:	575-397-0397	Address:		
Project #:	Project Owner:	: OXV	City:	1	
Project Name: N	landa-B Tract-	0	State: Zip: 4		
Project Location:	Einice in		Phone #:		
Sampler Name:	TEFF ORNIELA	15			
FOR LAB USE ONLY		⊕. MATRIX	PRESERV. SAMPLING	1 2 C	
Lab I.D.	Sample I.D.	AB OR (C)OM NTAINERS UNDWATER TEWATER	ER: //BASE: COOL ER:	7.7 B7 C	
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PLEASE NOTE: Liability and Da analyses. All claims including th service. In no event shall Cardin	PLEASE NOTE: Liability and Damages. Cardifat's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the afficient paid by the client for the arralyses. 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.	any claim arising whether based in contract deemed waived unless made in writing and g without limitation, business interruptions,	in contract or tort, shall be limited to the amount pail writing and received by Cardinal within 30 days afte arruptions, loss of use, or loss of profils incurred by o	Amount paid by the client for the 80 days after completion of the applicable named by client, its subsidiaries.	
Relinquished By:	ated to the performance of	Received By:	Phone Res Fax Result: REMARKS	Phone Result: ☐ Yes ☐ No Add'l Phone #:  Fax Result: ☐ Yes ☐ No Add'l Fax #:  REMARKS:	
Relinguished By:	Date; 1/2/14	Received By:			
	Tim	J. yarburu	CHECKED BY:		
Sampler - UPS - Bus - Other:	Bus - Other:	0.1			10-10-1

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

Page 22 of 23

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

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Company Name:	BBC International, Inc.		BILL TO	ANALYSIS REQUEST
Project Manager:	Cliff Brunson		P.O. #:	
Address: P.O. Box 805	30x 805		Company:	
city: Hobbs	State: NM	Zip: 88241	Attn:	
Phone #: 575-397-6388	Fax #:	575-397-0397	Address:	
Project #:	Project Owner:	in OXV	city: The	
Project Name:	Manda - B Trac	710	State: Zip:	
Project Location:	Sincealle		Phone #:	
Sampler Name:	Will Oreles		Fax #:	<u> </u>
FOR LAB USE ONLY	1	MATRIX	PRESERV. SAMPLING	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	TPH BTA CO
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PLEASE NOTE: Liability and I	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the	any claim arising whether based in contra	ict or tort, shall be limited to the amount paid by the client	LOT ME

Relinquished By Relinquished By Delivered By: (Circle One) Date: Timen B 700 Received By: CHECKED BY: Fax Result: REMARKS:

Phone Result:

□ Yes

O No

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

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

(Initials)

Sampler - UPS - Bus - Other:



May 29, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MANDA B TRACT C TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/23/14 16:40.

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 <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. Kuno

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: 05/23/2014 Sampling Date: 05/22/2014

Reported: 05/29/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Amanda Ponce

Project Location: EUNICE, NM

### Sample ID: SP 1 @ 1 (H401599-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7920	16.0	05/29/2014	ND	400	100	400	3.92	
Sample ID: SP 1 @ 3 (H4	01599-02)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	05/29/2014	ND	400	100	400	3.92	
Sample ID: SP 1 @ 5 (H4	01599-03)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	05/29/2014	ND	400	100	400	3.92	
Sample ID: SP 2 @ 1 (H4	01599-04)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	05/29/2014	ND	400	100	400	3.92	

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

Fax To: (575) 397-0397

Received: 05/23/2014 Sampling Date: 05/22/2014

Reported: 05/29/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C TANK BATTERY Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Amanda Ponce

Project Location: EUNICE, NM

Sample ID: SP 2 @ 3 (H40	1599-05)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	05/29/2014	ND	400	100	400	3.92	
Sample ID: SP 2 @ 4 (H40	1599-06)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	05/29/2014	ND	400	100	400	3.92	

### iampie 1D: SP 3 @ 1 (H401599-0/)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	05/29/2014	ND	400	100	400	3.92	

### Sample ID: SP 3 @ 3 (H401599-08)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	05/29/2014	ND	400	100	400	3.92	

### Sample ID: SP 3 @ 5 (H401599-09)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	05/29/2014	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: 05/23/2014 Sampling Date: 05/22/2014

Reported: 05/29/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Amanda Ponce

Project Location: EUNICE, NM

Sample ID: SP 3 @ 7 (H401599-10)

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

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

**Chloride** 704 16.0 05/29/2014 ND 400 100 400 3.92

Sample ID: SP 3 @ 9 (H401599-11)

Chloride, SM4500Cl-B Analyzed By: AP mg/kg Reporting Limit Analyzed Method Blank BS True Value QC RPD Qualifier Analyte Result % Recovery Chloride 336 16.0 05/28/2014 416 104 400 3.77 ND

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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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### ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(5	(505) 393-2326 FAX (505) 393-2476		
Company Name:	Company Name: BBC International, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Cliff Brunson	Cliff Brunson	P.O.#:	
Address: P.O. Box 805		Company:	
city: Hobbs	State: NM	Zip: 88241 Attn:	
Phone #: 575-397-6388	Fax #:	575-397-0397 Address: 2	3
Project #:	Project Owner:	: OXY City:	
Project Name:	Manh-B Trut-C	That Buffery State: Zip:	
Project Location:	Emile.	/ Phone #:	
Sampler Name:	VEER DRIVERS	Fax #:	
FOR LAB USE ONLY		MATRIX PRESERV.	SAMPLING
		ERS ATER ER	21
Lab I.D.	Sample I.D.	G)RAB OR ( CONTAINE GROUNDWA WASTEWAT SOIL DIL SLUDGE DTHER: ACID/BASE: ICE / COOL OTHER:	TE TIME
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1 O	Dampnes Cardinal's liability and client's exclusive remedy for	DEFACE NOTE: Liability and Demanage 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	70) ' unit paid by the client for the
analyses. All claims including service. In no event shall Car	those for negligence and any other cause whatsoever shall be diable for incidental or consequental damages, including	Archard work. Learning and centered work of the applicable analyses. All claims for 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 competition of the applicable analyses. All claims for including those and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after competition of the applicable analyses. All claims for including the competition of the applicable in	ays after completion of the applicable red by client, it is a completion of the applicable red by client, its completies.
affiliates or successors arising out of or re Relinquished By:	out of or related to the performance of services hereunder by the particular of the performance of services hereunder by the particular of the performance of services hereunder by the particular of the performance of services hereunder by the particular of the performance of services hereunder by the performance of services here and the performance of services here as the performance of services here are the performance of s	nder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or one was Phone Res	Phone Result:
Relinguished By	Time: 4. 40 Date:	Received By:	REMARKS:
	Time:		
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Sample Condition
Cool Intact
Cool Ares
No No

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

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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(EDE) 202 2226 EAY (EDE) 203-2476	101 East Marland, Hobbs, NM 88240	ARDINAL LABORATORIES	
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Company wanter DDC IIII anonat, inc.	0.00	- 11
Project Manager: Cliff Brunson	P.O. #:	
Address: P.O. Box 805	Company:	
City: Hobbs State: NM Zip: 88241	Attn:	
5-397-6388 F	Address:	
Project #: Project Owner: DXV	City: %	
Project Name: Manife & Trect C Tout Butter	State: Zip:	
N .	Phone #:	
Sampler Name: Yeld Or Telet	Fax #:	
	PRESERV. SAMPLING	
CONTAINERS ROUNDWATER (ASTEWATER OIL	LUDGE THER: CID/BASE: CE/COOL OTHER:  TIME	
\(\frac{1}{\times}\)	×	
PLEASE NOTE: Liability and Damages. Cardina's liability and citent's exclusive remedy for any claim arising whether based in contract or lort, shall be limited to the amount paid by the citent for the analyses. All claims including those for negligence and any other cause whatspower 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.	heat or lort, shall be limited to the amount paid by the client for the g and received by Cardinal within 30 days after completion of the applica ons, loss of use, or loss of profits incurred by client, its subsidieries.	able
affiliales or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether Such to Relinquished By:    Received By:   Received By:	ceived By: Phone Result:	□ Yes □ No Add'I Phone #:
	REMARKS:	Ī
Sample Condition		
: (Circle One)	CIT (Initials)	
Sampler - UPS - Bus - Other: 0,6 ( 759   100	NO NO	

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



September 05, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MANDA B TRACT C

Enclosed are the results of analyses for samples received by the laboratory on 08/28/14 16:50.

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)

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: 08/28/2014 Sampling Date: 08/28/2014

Reported: 09/05/2014 Sampling Type: Soil

Project Name: MANDA B TRACT C Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: EUNICE, NM

Sample ID: SP 1 @ 6 (H402670-01)

Chloride, SM4500Cl-B Analyzed By: AP mg/kg Reporting Limit Analyzed Method Blank BS % Recovery True Value OC RPD Oualifier Analyte Result Chloride 240 16.0 09/04/2014 ND 432 108 400 3.77

Sample ID: SP 2 @ 5 (H402670-02)

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 09/04/2014 ND 432 108 400 3.77

Sample ID: SP 3 @ 10 (H402670-03)

Chloride, SM4500Cl-B Analyzed By: AP mg/kg Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 336 16.0 09/04/2014 ND 400 3.77 432 108

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.

Celeg D. Freene



### **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

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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

Est NOTE: Labbility and Damages. Cardinal's liability and Claimit's sociative at emisc) for any claim assing whater bases in contract or for the property and any other causes, whichevery shall be destined to be accessed from the partitional or contracted or the partitional or contracted by the partitional or contracted by the partitional or the partition of the partitional or the partitiona	Project Manager Cliff Bl Address: P. O. Box 805 City: Hobbs Phone #: 575-397-6388 Project Name: Manager Manager Project Location: Sampler Name: PROJECT Name: Sampler Name: POSIAN USE ONLY Sampler Name: POSIAN USE ONLY SAI
Pablity and chemis explusive remedy for any out of any other cause vintageous; shall be deem rule of consequently damages, including without participation of consequently damages, including without participation of convices hereunder by Cardina Pate:    Date:   Red   Re	State: Fax#: Project of Comple I.D.
Received by  Sample Condition  Sample Condition  Received By  Sample Condition  Sample Condition  Sample Condition  No  No  No  No  No  No  No  No  No	#CONTAINERS GROUNDWATER WASTEWATER OIL OIL SLUDGE OTHER:
or for state the limited to the amount paid by the clean for the discribed by Cardinal within 30 days size completion of the loss of use, or bas of profits indured by clean the subcritishine, its based inon any of the above stated reasons or otherwise.  Phone Result: Fax Result: REMARKS:	P.O. # EILL TO Company: Address: Zip: None #: PRESERV SAMPLING OTHER: DATE TIM B 28 85
Yes □ No	
Add'l Phone #: Add'l Fax #:	ANALYSIS REQUES

<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

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.

Form C-141

			Rel	ease Notific	catio	n and Co	rrective A	ction				
N. CC	<del></del>	<del></del>				<b>OPERA</b>	ΓOR	⊠ Ini	tial Report		Final Repor	
Name of Co		Oxy Permia tanolind Rd		VIV. 00040		Contact Chancey Summers						
Facility Na		da B Tract C				Telephone No. (575) 397-8216 Facility Type Tank Battery						
Surface Ow				Mineral (			o Talik Batte					
Bulluco OW	IICI DIA	.VI	·· · · · · ·			THITTO						
Unit Letter	Section	Township	Range	Feet from the		OF REI	<del></del>					
		_		reet from the	Norun/	South Line	Feet from the	East/West Line	County			
C	28	22S	37E		<u> </u>				Lea Count	y, NM		
			]	Latitude <u>N 32.3</u>	6877°	Longitue	de <u>W 103.1698</u>	<u>5°</u>				
				NAT	URE	OF RELI	EASE					
Type of Rele	ase Oil ar	nd Produced v	vater			1 40 7 4 4 1			Volume Recovered			
Source of Re		ter dump on s	eparator m	alfunctioned and	caused	Date and H	our of Occurrenc	e Date and	d Hour of Discovery			
the oil tanks to overflow  Was Immediate Notice Given?						03/17/2014 If YES, To Whom?						
			Yes	No 🗌 Not Re	quired	d Geoffrey Leking, NMOCD and Jennifer VanCuren, BLM						
By Whom?	Kathy Pur					Date and Hour 03/17/2014 @ 3:08 pm						
Was a Watero	ourse Reac	hed?	Yes 🛛	No		If YES, Volume Impacting the Watercourse.						
If a Watercou	rse was Imr	pacted. Descri						<del></del>			<u> </u>	
i												
D '1 C	CD 11											
Describe Caus	se of Proble	m and Remed	lial Action	Taken.*				***				
The water dur	np on the se d and the w	eparator malfu rater dump iss	nctioned a ue was res	and caused the oil olved.	tanks to	overflow spi	lling 40 bbls of o	il and produced v	vater onto the	ground	d. No fluids	
Describe Area	Affected a	nd Cleanup A	ction Take	en.*		<u> </u>						
The affected a	rea is annro	vimately 8° v	80° on lo	action Domadiati		L 1 . 1						
the BLM.	гоа то аррго	Amnatery o A	00 011 100	cation. Remediati	ion wili i	oe completed	in accordance wi	th a remediation	plan approved	l by NI	MOCD and	
I hereby certif	v that the in	formation giv	en above	is true and comple	ete to the	heat of my le	noveladas and see	1	11 3B (C			
i regulations an	operators a	re reduited to	report and	i/or file certain re	lease not	itications and	nerform correct	ve actions for mal	acces sede into		1	
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federal, state, o	or local law	and/or regul	ations.							_		
c: (			•				OIL CONS	<u>ERVATION</u>	DIVISIO	N		
Signature:				- Company of the Comp								
Printed Name:	Chancey	Summers			A	pproved by E	nvironmental Spe	ecialist:				
Title: HES S	pecialist	<u> </u>	··-		A <sub>1</sub>	pproval Date:		Expiration	Date:			
E-mail Address	s: <u>Chan</u> ce	ey.Summers@	oxy.com			onditions of A				***		
	15-1			(575) 00= 0=			rpprover.		Attached			
Date: Attach Addition			Phone:	(575) 397-8216								

<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
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1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Submit 1 Copy to appropriate District Office in accordance with 19.15,29 NMAC.

			Rel	ease Notifi	catio	n and Co	orrective A	ction					
												Final Repor	
Name of Co		Oxy Permia	NTM 00240		Contact Chancey Summers Telephone No. (575) 397-8216								
Address 1017 W. Stanolind Rd, Hobbs, NM 88240 Facility Name Manda B Tract C Tank Battery						Facility Type Tank Battery							
Surface Ow				Mineral (									
Surface Ow	Hel DL	<u>V1</u>		lvimerai (	Jwner								
TT-:4 T -44	Gti	T 1 .	В			N OF REI							
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/We	est Line	County			
С	28	22S	37E							Lea County,	NM		
			]	Latitude <u>N 32.3</u>		-	de <u>W 103.1698:</u>	<u>5°</u>					
Toma of Dala	nan Dund			NAT	URE	OF RELI							
Type of Release Produced water						Volume of 30 bbls	Release		Volume F 0 bbls	Recovered	covered		
Source of Release Trash collected in transfer pump meter and caused						1	our of Occurrenc			Hour of Discovery			
it to plug up triggering the tanks to spill over Was Immediate Notice Given?						05/20/2014 If YES, To							
☐ Yes ☐ No ☐ Not Required ☐ Geoffrey Leking and Tomas Oberding, NMOCD													
By Whom? Kathy Purvis Was a Watercourse Reached?						Date and Hour 05/21/2014 @ 11:57 am							
Was a Water	course Reac	ched?	No		If YES, Volume Impacting the Watercourse.								
☐ Yes ☑ No  If a Watercourse was Impacted, Describe Fully.*													
Describe Cau	se of Proble	em and Remed	lial Action	ı Taken *									
were recovere	ed and the to	ransfer pump	was cleare		he tanks	to spill over	and leak 30 bbls o	of produce	ed water o	onto the ground	d. N	o fluids	
Describe Area	Affected a	and Cleanup A	ction Tak	en.*									
The affected approved by I	rea is appro NMOCD an	oximately 35° ad the BLM.	x 50' on l	ocation and dowr	the roa	d. Remediati	on will be comple	eted in acc	cordance	with a remedia	ition	plan	
regulations al public health should their o	operators a or the envir perations ha ment. In ac	are required to conment. The ave failed to a ddition, NMO	report an acceptanc dequately CD accept	is true and completed of a C-141 repoint of a C-141 repoint tance of a C-141 repoint of a	elease no ort by the emediate	otifications an NMOCD ma contamination	d perform correct irked as "Final Re on that pose a thre	rive actior port" doc at to grou	ns for rele s not reli- and water	eases which ma eve the operato , surface water	ny en or of , hun	danger liability nan health	
Signature:  OIL CONSERVATION DIVISION													
						Approved by Environmental Specialist:							
Title: HES	Specialist				A	Approval Date	pproval Date: Expiration			Date:			
E-mail Addres		cey.Summers@	ऐoxy.com		c	Conditions of	Approval:		Attached				
Date: 6 Attach Addit	-2/	ts If Necessa	Phone:	(575) 397-8210	6								