

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

APR 28 2014

RECEIVED

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

Form C-141
Revised August 8, 2011

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company	Oxy Permian Ltd.	Contact	Chancey Summers
Address	1017 W. Stanoliad Rd, Hobbs, NM 88240	Telephone No.	(575) 397-8216
Facility Name	Madera 17 Federal #1H	Facility Type	Well location
Surface Owner	BLM	Mineral Owner	
		API No.	30-025-41059

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	17	26S	35E	330	North	2240	East	Lea

Latitude N 32.049640° Longitude W 103.3882°

NATURE OF RELEASE

Type of Release	Produced Water and Oil	Volume of Release	18 bbls produced water, 2 bbls oil	Volume Recovered	18 bbls produced water, 1 bbl oil
Source of Release	Stuffing box blow out	Date and Hour of Occurrence	10/28/2013	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Geoffrey Leking-NMOCD; Jennifer Van Curen- BLM		
By Whom?	Chancey Summers	Date and Hour	10/28/2013 @ 1:01 pm		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

A plugged back pressure valve caused the stuffing box to blow out and leak 18 bbls of produced water and 2 bbls of oil to leak onto the ground. All but 1 bbl of oil was recovered via vacuum truck and the stuffing box package was repaired/replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 6' x 35' on location. Remediation was completed in accordance with a remediation plan approved by Geoffrey Leking of NMOCD via email on 02/24/2014 and by Jennifer Van Curen of the BLM via email on 02/24/2014.

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.

Signature:	OIL CONSERVATION DIVISION		
Printed Name: Chancey Summers	Approved by Environmental Specialist:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>	
Date: 4-22-14	Phone: (575) 397-8216		

* Attach Additional Sheets If Necessary

APR 28 2014

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Form C-141
Revised August 8, 2011

RECEIVED

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Oxy Permian Ltd.	Contact	Chancey Summers
Address	1017 W. Stanolind Rd, Hobbs, NM 88240	Telephone No.	(575) 397-8216
Facility Name	Madera 17 Federal #1H	Facility Type	Well location
Surface Owner	BLM	Mineral Owner	
		API No.	30-025-41059

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	17	26S	35E	330	North	2240	East	Lea

Latitude N 32.049640° Longitude W 103.3882°

NATURE OF RELEASE

Type of Release	Produced Water and Oil	Volume of Release	18 bbls produced water, 2 bbls oil	Volume Recovered	18 bbls produced water, 1 bbl oil
Source of Release	Stuffing box blow out	Date and Hour of Occurrence	10/28/2013	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Geoffrey Leking-NMOCD; Jennifer Van Curen- BLM		
By Whom?	Chancey Summers	Date and Hour	10/28/2013 @ 1:01 pm		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

A plugged back pressure valve caused the stuffing box to blow out and leak 18 bbls of produced water and 2 bbls of oil to leak onto the ground. All but 1 bbl of oil was recovered via vacuum truck and the stuffing box package was repaired/replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 6' x 35' on location.. Remediation will be completed in accordance with a remediation plan approved by NMOCD and the BLM.

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.

Signature:	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Chancey Summers	Approved by Environmental Specialist:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 11/5/13	Phone: (575) 397-8216		

* Attach Additional Sheets If Necessary

Closure Report

P3XK1535155415
HOBBS OCD
APR 28 2014
RECEIVED

Site Description

Site Name:	Madera 17 Federal #1H
Company:	Oxy Permian Ltd.
Legal Description:	U/L B, Section 17, T26S, R35E
County:	Lea County, NM
GPS Coordinates:	N 32.04969° W 103.38814°

Release Data

Date of Release:	10/28/2013
Type of Release:	Oil and Produced water
Source of Release:	Stuffing box blow out
Volume of Release:	2 bbls oil and 18 bbls produced water
Volume Recovered:	1 bbl oil and 18 bbls produced water

Remediation Specifications

Remediation Parameters:	Surface scrape (a few inches) the entire leak area, then backfill the site with clean soil.
Remediation Activities:	03/31/2014 to 04/16/2014

Plan Sent to OCD:	02/23/2014	Email from Cliff Brunson to Geoffrey Leking
OCD Approval of Plan:	02/24/2014	Email from Geoffrey Leking to Cliff Brunson
Plan Sent to BLM:	02/24/2014	Email from Cliff Brunson to J. Van Curen
BLM Approval of Plan:	02/24/2014	Email from J. Van Curen to Cliff Brunson

Supporting Documentation

Initial C-141	Signed 11/05/2013
Final C-141	Signed 04/22/2014
Site Diagram	November 2013
Groundwater Plot	<150'
TOPO Maps	November 2013
Lab Summary	01/27/2014
Lab Analysis	01/27/2014
Correspondence	Request and approval of remediation plan via email

Request for Closure

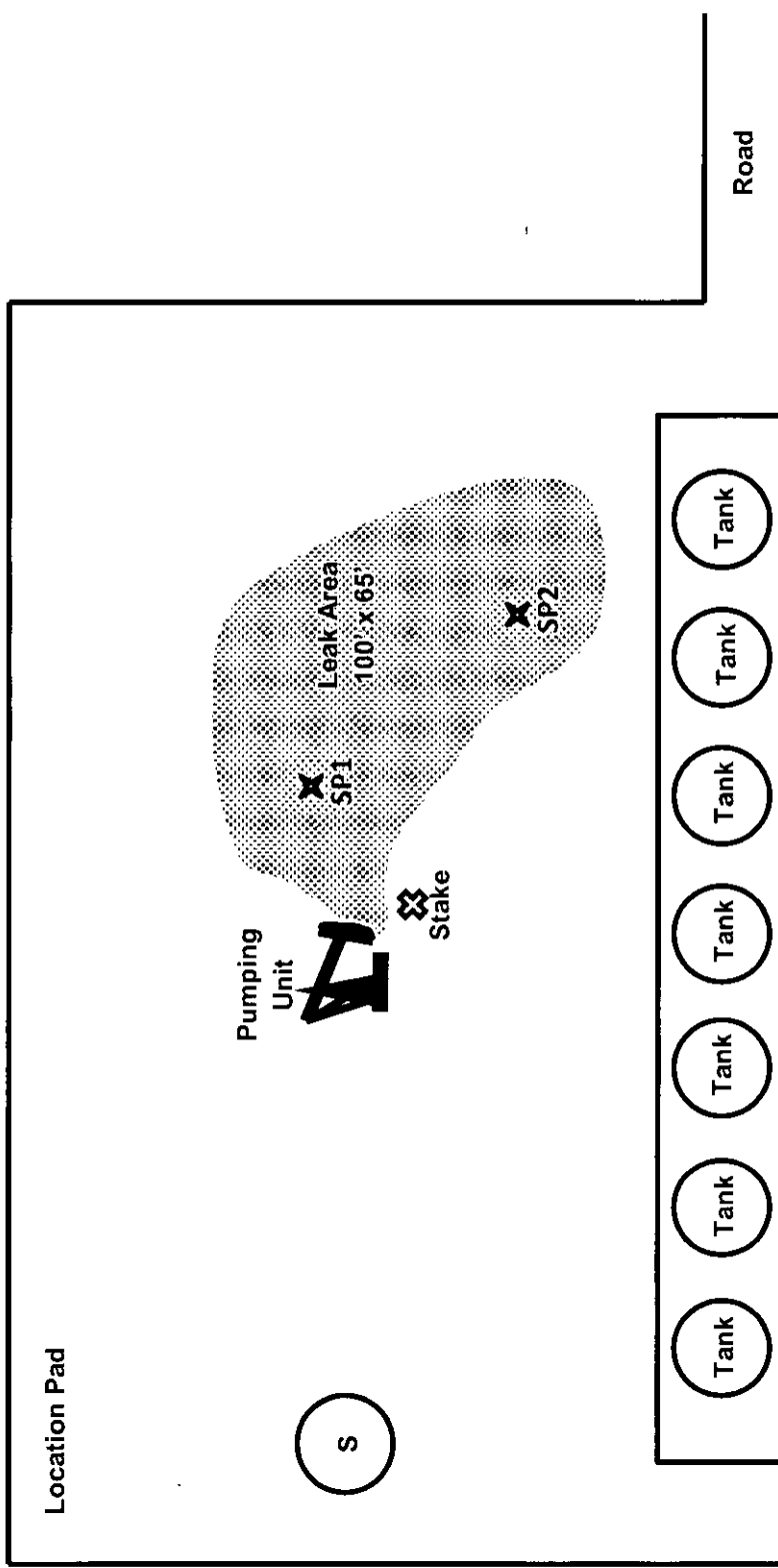
Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD.

Cliff Brunson, President of BBC International Inc.

04/24/2014



Oxy
Madera 17 Federal #1H



U/L B, Section 17, T26S, R35E
330' FNL and 2240' FEL
Lea County, NM
N 32.04969° W 103.38814° at stake
API# 30-025-41059

BBC International, Inc.			
Oxy			
Madera 17 Federal #1H			
Date: 11/11/13	DRWG by: K. Purvis		
NOT TO SCALE	File: Oxy 2013		



Groundwater Plot

Oxy Madera 17 Federal #1H

County
Lea

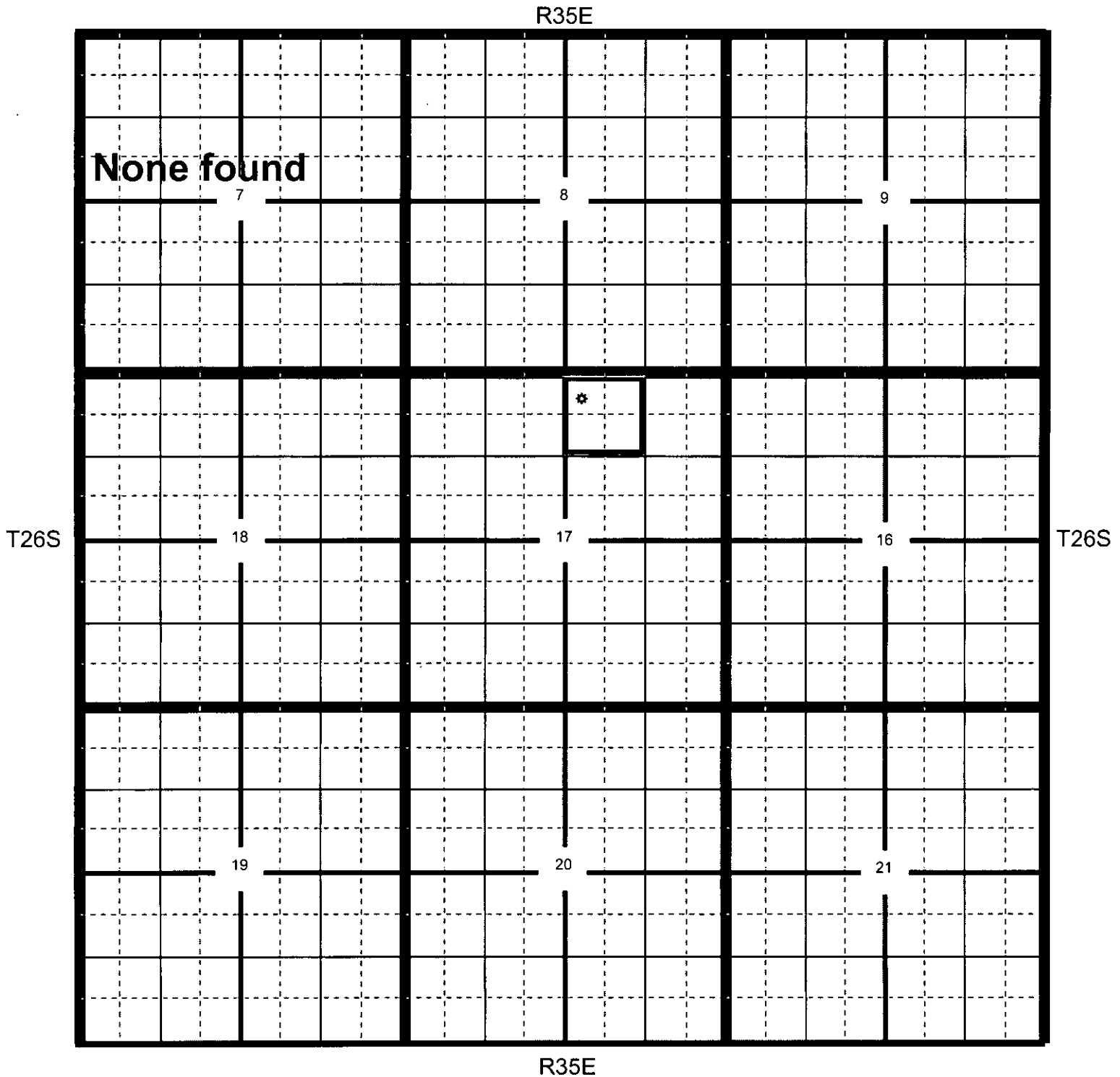
Unit Letter
B

Section
17

Township
T26S

Range
R35E

Trend Map <150'



⚙ Location

● OCD

● USGS

● SEO

● All Databases

Oxy Madera 17 Federal #1H

County Lea Unit Letter B Section 17 Township 26S Range 35E

Trend Map 150'

1

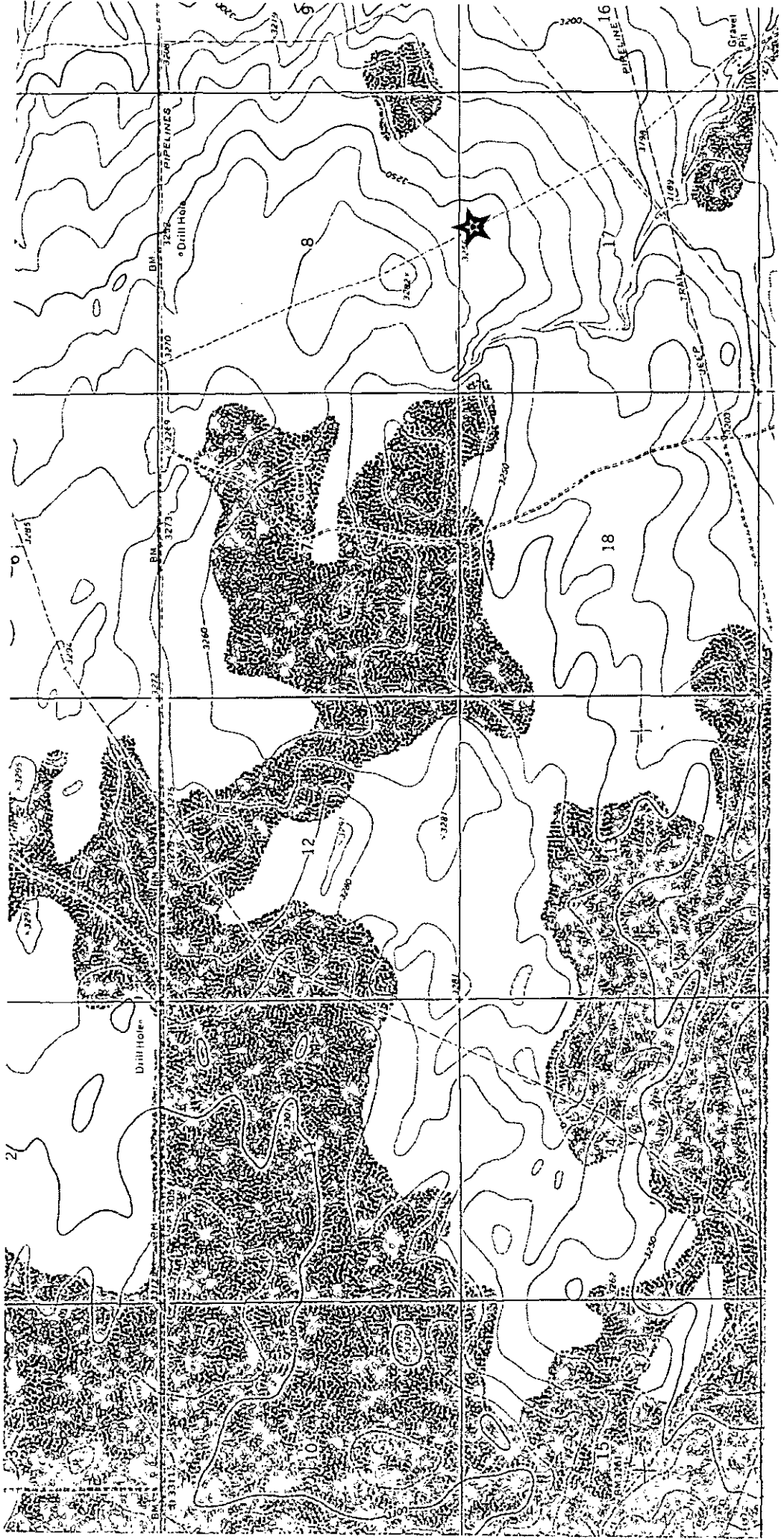
2

NW/NW None found Unit Letter D	NE/NW Unit Letter C	NW/NE * Unit Letter B	NE/NE Unit Letter A
SW/NW Unit Letter E	SE/NW Unit Letter F	SW/NE Unit Letter G	SE/NE Unit Letter H
NW/SW Unit Letter L	NE/SW Unit Letter K	NW/SE Unit Letter J	NE/SE Unit Letter I
SW/SW Unit Letter M	SE/SW Unit Letter N	SW/SE Unit Letter O	SE/SE Unit Letter P

3

4

Oxy
Madera 17 Federal #1H



Laboratory Analytical Results Summary
Madera 17 Federal #1H

Analyte	Method	Sample		SP1 @ Surface		SP1 @ 1'		SP1 @ 2'	
		Date		1/27/14	mg/Kg	1/27/14	mg/Kg	1/27/14	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	SM4500Cl-B				3200	304	96		
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

Analyte	Method	Sample		SP2 @ Surface		SP2 @ 1'	
		Date		1/27/14	mg/Kg	1/27/14	mg/Kg
Benzene	BTEX 8021B				<0.050	<0.050	<0.050
Toluene	BTEX 8021B				<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B				<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B				<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B				<0.300	<0.300	<0.300
Chloride	SM4500Cl-B				1880	64	
GRO	TPH 8015M				<10.0	<10.0	<10.0
DRO	TPH 8015M				<10.0	<10.0	<10.0



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:		ANALYSIS REQUEST																										
Project Manager: Cliff Brunson		Company:																												
Address: P.O. Box 805		Attn:																												
City: Hobbs		Address:																												
State: NM Zip: 88241		City:																												
Phone #: 575-397-6388		State:																												
Fax #: 575-397-0397		Zip:																												
Project #:		Project Owner: OKY																												
Project Name: Madena 17 Fed #2		Phone #:																												
Project Location: TEL		Fax #:																												
Sampler Name: Gary Day																														
FOR LAB USE ONLY																														
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING																					
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME																
H400263	SP20 surface	C	2			X					X		1-27-14	10:00	X	CL	B-Tex	TPH												
1	SP20 surface	C	2			X					X		1-27-14	10:00	X															
2	SP20 2ft	C	2			X					X		1-27-14	10:00	X															
3	SP20 2ft	C	2			X					X		1-27-14	10:40	X															
4	SP20 surface	C	2			X					X		1-27-14	11:15	X															
5	SP20 2ft	C	2			X					X		1-27-14	11:30	X															
Relinquished By: [Signature]		Date: 1-27-14	Time: 1:00	Received By: [Signature]	Date: 1-27-14	Time: 1:00	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Pres <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: [Signature]	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	Add'l Phone #:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	Add'l Fax #:	REMARKS:																	
Relinquished By: [Signature]		Date: 1-27-14	Time: 1:00	Received By: [Signature]	Date: 1-27-14	Time: 1:00	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Pres <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: [Signature]	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	Add'l Phone #:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	Add'l Fax #:	REMARKS:																	
Delivered By: (Circle One)		Date: 1-27-14	Time: 1:00	Received By: [Signature]	Date: 1-27-14	Time: 1:00	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Pres <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: [Signature]	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	Add'l Phone #:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	Add'l Fax #:	REMARKS:																	
Sampler: UPS - Bus - Other:		Date: 1-27-14	Time: 1:00	Received By: [Signature]	Date: 1-27-14	Time: 1:00	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Pres <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: [Signature]	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	Add'l Phone #:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	Add'l Fax #:	REMARKS:																	

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

#54

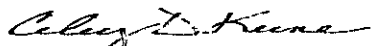
Notes and Definitions

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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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

BBC International, Inc.
Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 01/28/2014
Reported: 02/03/2014
Project Name: MADERA 17 FED #1
Project Number: NONE GIVEN
Project Location: JAL. NM

Sampling Date: 01/27/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 1 FT (H400263-05)

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	01/31/2014	ND	2.28	114	2.00	1.96	
Toluene*	<0.050	0.050	01/31/2014	ND	2.24	112	2.00	1.60	
Ethylbenzene*	<0.050	0.050	01/31/2014	ND	2.22	111	2.00	1.54	
Total Xylenes*	<0.150	0.150	01/31/2014	ND	6.54	109	6.00	0.808	
Total BTEX	<0.300	0.300	01/31/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 110 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/31/2014	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/30/2014	ND	200	99.9	200	2.61	
DRO >C10-C28	<10.0	10.0	01/30/2014	ND	199	99.4	200	2.43	

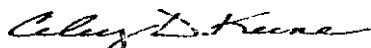
Surrogate: 1-Chlorooctane 77.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 86.0 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

BBC International, Inc.
Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 01/28/2014
Reported: 02/03/2014
Project Name: MADERA 17 FED #1
Project Number: NONE GIVEN
Project Location: JAL. NM

Sampling Date: 01/27/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ SURFACE (H400263-04)

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	01/31/2014	ND	2.28	114	2.00	1.96		
Toluene*	<0.050	0.050	01/31/2014	ND	2.24	112	2.00	1.60		
Ethylbenzene*	<0.050	0.050	01/31/2014	ND	2.22	111	2.00	1.54		
Total Xylenes*	<0.150	0.150	01/31/2014	ND	6.54	109	6.00	0.808		
Total BTEX	<0.300	0.300	01/31/2014	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 110 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1880	16.0	01/31/2014	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/30/2014	ND	200	99.9	200	2.61		
DRO >C10-C28	<10.0	10.0	01/30/2014	ND	199	99.4	200	2.43		

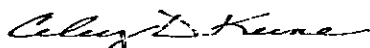
Surrogate: 1-Chlorooctane 67.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 75.7 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

BBC International, Inc.
Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received:	01/28/2014	Sampling Date:	01/27/2014
Reported:	02/03/2014	Sampling Type:	Soil
Project Name:	MADERA 17 FED #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL. NM		

Sample ID: SP 1 @ 2 FT (H400263-03)

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	01/31/2014	ND	2.28	114	2.00	1.96	
Toluene*	<0.050	0.050	01/31/2014	ND	2.24	112	2.00	1.60	
Ethylbenzene*	<0.050	0.050	01/31/2014	ND	2.22	111	2.00	1.54	
Total Xylenes*	<0.150	0.150	01/31/2014	ND	6.54	109	6.00	0.808	
Total BTEX	<0.300	0.300	01/31/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIB) 111 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/31/2014	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/30/2014	ND	200	99.9	200	2.61	
DRO >C10-C28	<10.0	10.0	01/30/2014	ND	199	99.4	200	2.43	

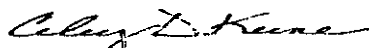
Surrogate: 1-Chlorooctane 79.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 83.5 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

BBC International, Inc.
Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 01/28/2014
Reported: 02/03/2014
Project Name: MADERA 17 FED #1
Project Number: NONE GIVEN
Project Location: JAL. NM

Sampling Date: 01/27/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 1 FT (H400263-02)

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	01/31/2014	ND	2.28	114	2.00	1.96	
Toluene*	<0.050	0.050	01/31/2014	ND	2.24	112	2.00	1.60	
Ethylbenzene*	<0.050	0.050	01/31/2014	ND	2.22	111	2.00	1.54	
Total Xylenes*	<0.150	0.150	01/31/2014	ND	6.54	109	6.00	0.808	
Total BTEX	<0.300	0.300	01/31/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 111 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/31/2014	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/30/2014	ND	200	99.9	200	2.61	
DRO >C10-C28	<10.0	10.0	01/30/2014	ND	199	99.4	200	2.43	

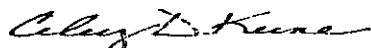
Surrogate: 1-Chlorooctane 85.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 93.0 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

BBC International, Inc.
Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 01/28/2014
Reported: 02/03/2014
Project Name: MADERA 17 FED #1
Project Number: NONE GIVEN
Project Location: JAL. NM

Sampling Date: 01/27/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ SURFACE (H400263-01)

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	01/31/2014	ND	2.28	114	2.00	1.96	
Toluene*	<0.050	0.050	01/31/2014	ND	2.24	112	2.00	1.60	
Ethylbenzene*	<0.050	0.050	01/31/2014	ND	2.22	111	2.00	1.54	
Total Xylenes*	<0.150	0.150	01/31/2014	ND	6.54	109	6.00	0.808	
Total BTEX	<0.300	0.300	01/31/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 110 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	01/31/2014	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/30/2014	ND	200	99.9	200	2.61	
DRO >C10-C28	<10.0	10.0	01/30/2014	ND	199	99.4	200	2.43	

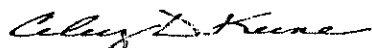
Surrogate: 1-Chlorooctane 80.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 78.7 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

February 03, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MADERA 17 FED #1

Enclosed are the results of analyses for samples received by the laboratory on 01/28/14 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

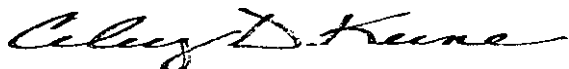
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Kathy Purvis

From: Leking, Geoffrey R, EMNRD <GeoffreyR.Leking@state.nm.us>
Sent: Monday, February 24, 2014 7:32 AM
To: Cliff P. Brunson
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: Oxy-Madera 17 Federal #1H-Remediation Plan

Cliff

The above referenced remediation plan is approved per your submittal and our meeting of February 21, 2014. Thank you.

Geoffrey Leking
Environmental Specialist
NMOCD-Hobbs
1625 N. French Drive
Hobbs, NM 88240
Office: (575) 393-6161 Ext. 113
Cell: (575) 399-2990
email: geoffreyr.leting@state.nm.us

From: Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Sunday, February 23, 2014 5:54 PM
To: Leking, Geoffrey R, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Oxy-Madera 17 Federal #1H-Remediation Plan

Geoff,

This e-mail is to confirm our conversation on February 21, 2014 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As discussed, Oxy will conduct a surface scrape of a few inches across the entire leak area as depicted on the attached site diagram. The site will then be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
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E-Mail: cbrunson@bbcinternational.com

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Kathy Purvis

From: Van Curen, Jennifer <jvancure@blm.gov>
Sent: Monday, February 24, 2014 9:47 AM
To: Cliff P. Brunson
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Re: Oxy-Madera 17 Federal #1H-Remediation Plan

CJ,

The plan is approved.

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

On Mon, Feb 24, 2014 at 9:20 AM, Cliff P. Brunson <cbrunson@bbcinternational.com> wrote:
Jennifer,

My apologies. I have attached the documents now.

Cliff

Cliff P. Brunson, CEI, CRS
President
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World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
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From: Jennifer Van Curen <jvancure@blm.gov>
Date: Monday, February 24, 2014 7:24 AM
To: Cliff Brunson <cbrunson@bbcinternational.com>
Cc: C J Summers <Chancey_Summers@oxy.com>, Ken Swinney <kswinney@bbcinternational.com>, Jennifer Gilkey

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

Subject: Re: Oxy-Madera 17 Federal #1H-Remediation Plan

Can you attach the docs for review? Thanks

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

On Sun, Feb 23, 2014 at 5:55 PM, Cliff P. Brunson <cbrunson@bbcinternational.com> wrote:
Jennifer,

This e-mail is to request the BLM's approval for the following remediation plan for the above referenced site. I have attached the materials that pertain to the site and the plan. This plan has already been approved by Geoff Leking of the NMOCD. Oxy will excavate to a depth of 3 to 6 inches across the entire leak area as shown on the diagram. The area will then be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated. If you have any questions, please let us know.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
Fax: (575) 397-0397
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