

Closure Report

Site Description

Site Name:	Cypress 34 Federal #1 CTB
Company:	Oxy Permian Ltd.
Legal Description:	U/L P, Section 34, T23S, R29E
County:	Eddy County, NM
GPS Coordinates:	N 32.25508° W 103.96647°

Release Data

Date of Release:	01/05/2016 and 02/28/2016
Type of Release:	Oil and Produced water, Oil and Produced water
Source of Release:	Head switch fail, Dump line clog
Volume of Release:	15 bbls oil, 25 bbls pw; 10 bbls oil, 10 bbls pw
Volume Recovered:	36 bbls, 15 bbls

Remediation Specifications

Remediation Parameters:	Leak 1: Excavate 1'. Take add'l samples at SP3 to achieve regulatory levels as practicable. Leak 2: Surface scrape the area around SP3. Around SP1 & SP2, excavate 1 ft. Take add'l samples at SP2 to achieve regulatory levels. Backfill the site with clean soil.	
Remediation Activities:	05/04/2016 to 06/02/2016	
Plan Sent to OCD:	05/03/2016	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	05/13/2016	Email from Mike Bratcher to Cliff Brunson
Plan Sent to BLM:	n/a	Verbal approval at meeting w/Shelly Tucker
BLM Approval of Plan:	05/03/2016	Verbal approval at meeting w/Shelly Tucker

Supporting Documentation

Initial C-141	Signed 01/14/2016, 03/09/2016
Final C-141	Signed 06/13/2016
Site Diagram	March 2016
Groundwater Plot	75'-100'
TOPO Maps	March 2016
Lab Summary	3/8/16, 4/11/16, 5/19/16; 3/7/16-3/8/16, 5/20/16
Lab Analysis	3/8/16, 4/11/16, 5/19/16; 3/7/16-3/8/16, 5/20/16
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.

06/21/2016

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011

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

Submit 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	Casey Summers
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(575) 513-8289
Facility Name	Cypress 34 Federal #1 CTB	Facility Type	Battery
Surface Owner	BLM	Mineral Owner	
		API No.	30-015-35053

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	34	23S	29E					Eddy County, NM

Latitude N 32.25497° Longitude W 103.96603°

NATURE OF RELEASE

Type of Release	Oil and produced water	Volume of Release	15 bbls oil, 25 bbls produced water	Volume Recovered	36 bbls
Source of Release	Head switch was full of trash and failed causing a tank spill	Date and Hour of Occurrence	01/05/2016	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?	Mike Bratcher, Kelly Jones-NMOCD		
By Whom?	Jennifer Gilkey @ BBC International	Date and Hour	01/05/2016 @ 4:55 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.*

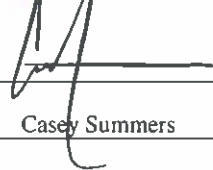
Describe Cause of Problem and Remedial Action Taken.*

A head switch full of trash failed causing a tank to spill 15 bbls of oil and 25 bbls of produced water onto the ground. A vacuum truck recovered 36 bbls of fluids and the head switch was cleaned out.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 150' x 60' on location around the tanks inside the containment. 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: Casey Summers		Approved by Environmental Specialist:	
Title: NM Environmental Advisor		Approval Date:	Expiration Date:
E-mail Address: Casey_Summers@oxy.com		Conditions of Approval:	
Date: 1-14-16 Phone: (575) 513-8289		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

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Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(575) 513-8289
Facility Name	Cypress 34 Federal #1CTB	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	API No. 30-015-35053

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	34	23S	29E	460	South	660	East	Eddy

Latitude N 32.25508° Longitude W 103.96647°

NATURE OF RELEASE

Type of Release	Oil and produced water	Volume of Release	10 bbls oil, 10 bbls produced water	Volume Recovered	15 bbls
Source of Release	A dump line clog forced fluids to spill out of the test heater	Date and Hour of Occurrence	02/28/2016	Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?			
By Whom?	Kathy @BBC International.com	Date and Hour	03/02/2016 @ 11:37 am		
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.*

✕

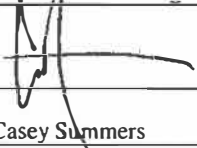
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A dump line clog forced 10 bbls of oil and 10 bbls of produced water to spill out of the test heater. A vacuum truck recovered 15 bbls of fluids and the dump line was unclogged.

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The affected area is approximately 90' x 45' on location inside containment. Remediation will be completed in accordance with a remediation plan approved by NMOCD and the BLM.

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Signature:				OIL CONSERVATION DIVISION	
Printed Name:	Casey Summers	Approved by Environmental Specialist:			
Title:	NM Environmental Advisor	Approval Date:	Expiration Date:		
E-mail Address:	Casey.Summers@oxy.com	Conditions of Approval:			Attached <input type="checkbox"/>
Date:	3-9-16	Phone:	(575) 513-8289		

* Attach Additional Sheets If Necessary

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Facility Name	Cypress 34 Federal #1 CTB	Facility Type	Battery
Surface Owner	BLM	Mineral Owner	
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Source of Release	Head switch was full of trash and failed causing a tank spill	Date and Hour of Occurrence	01/05/2016	Date and Hour of Discovery	
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By Whom?	Jennifer Gilkey @ BBC International	Date and Hour	01/05/2016 @ 4:55 pm		
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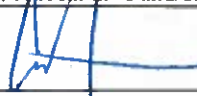
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Signature: 		<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Casey Summers		Approved by Environmental Specialist:	
Title: NM Environmental Advisor		Approval Date:	Expiration Date:
E-mail Address: Casey_Summers@oxy.com		Conditions of Approval:	
Date: 6-13-16	Phone: (575) 513-8289	Attached <input type="checkbox"/>	

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Facility Name	Cypress 34 Federal #1CTB	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		API No.	30-015-35053

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Source of Release	A dump line clog forced fluids to spill out of the test heater	Date and Hour of Occurrence	02/28/2016	Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?			
By Whom?	Kathy @BBC International.com	Date and Hour	03/02/2016 @ 11:37 am		
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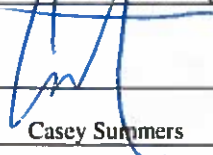
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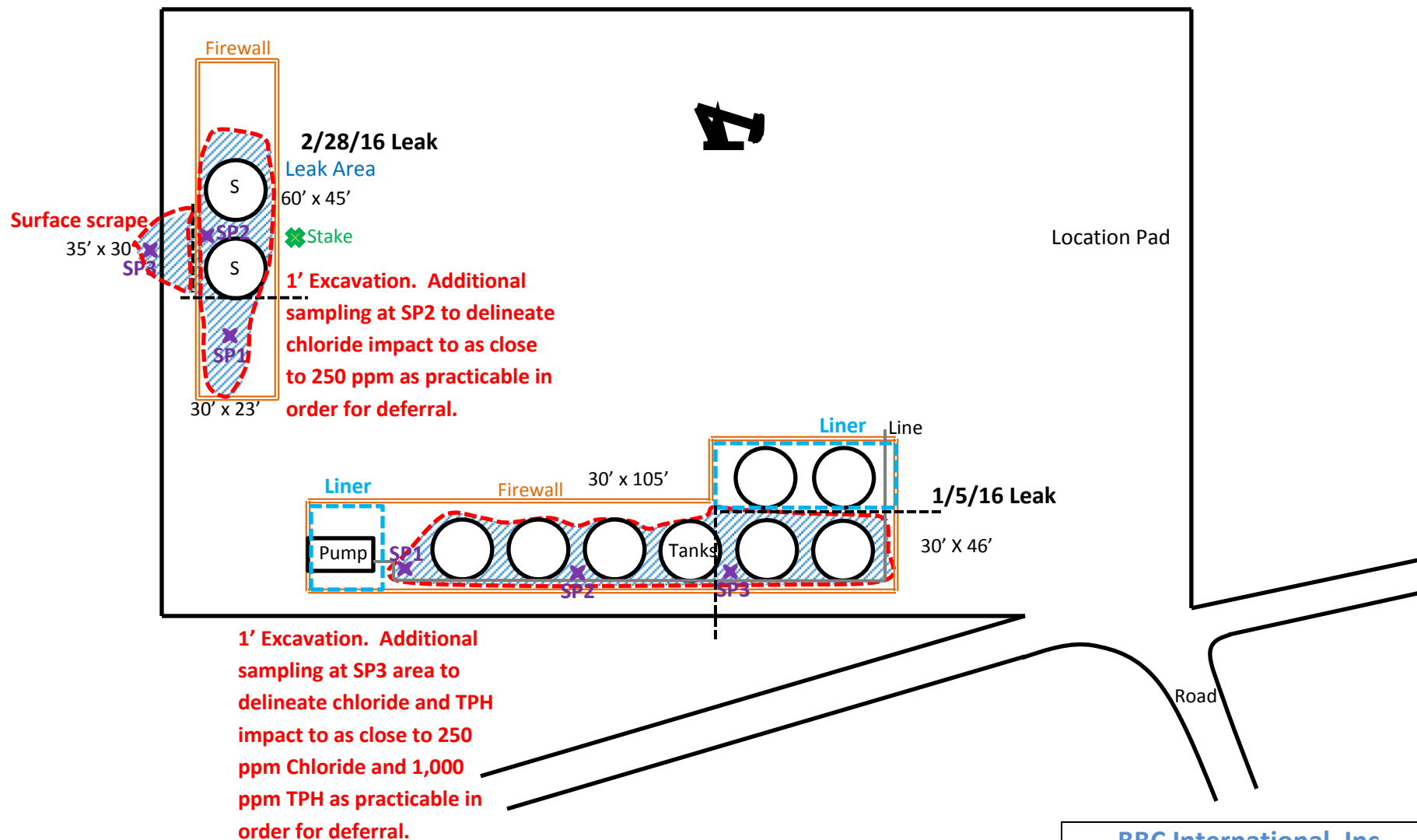
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Title: NM Environmental Advisor	Approval Date:	Expiration Date:	
E-mail Address: Casey.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 6-13-16	Phone: (575) 513-8289		

* Attach Additional Sheets If Necessary



Oxy

Cypress 34 Federal #1 CTB (1/5/16 and 2/28/16)



U/L P, Section 34, T23S, R29E

Eddy County, NM

GPS at stake: N 32.25508° W 103.96647°

API# 30-015-35053

BBC International, Inc.

Oxy

Cypress 34 Federal #1 CTB

Date: 03/08/2016

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2016



Groundwater Plot

Oxy Cypress 34 Federal #1 CTB

County
Eddy County

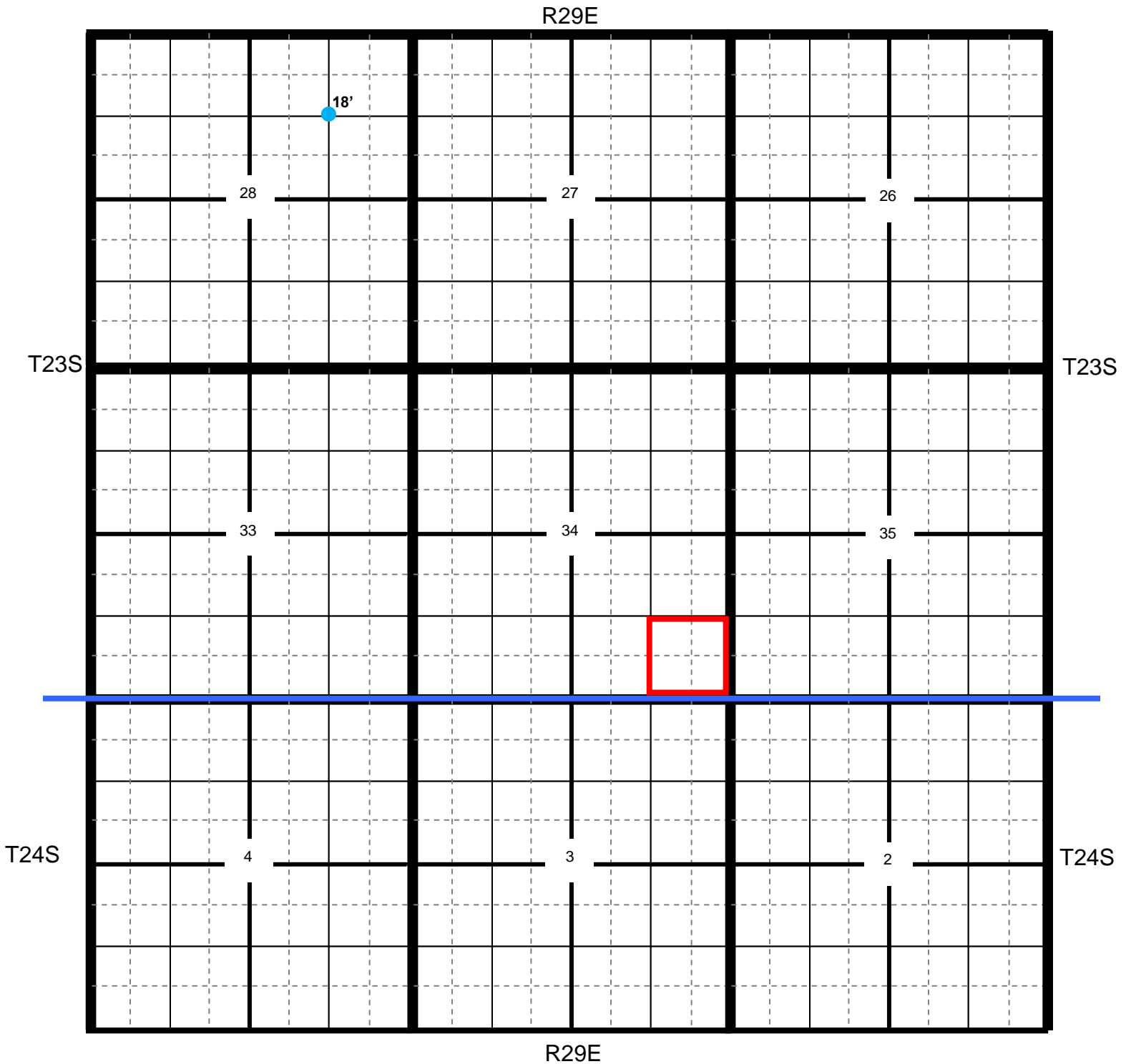
Unit Letter
P

Section
34

Township
23S

Range
29E

Trend Map 75'-100'



Location

OCD

USGS

SEO

All Databases

Oxy Cypress 34 Federal #1 CTB

County Eddy Unit Letter P Section 34 Township 23S Range 29E

Trend Map 75'-100'

1

2

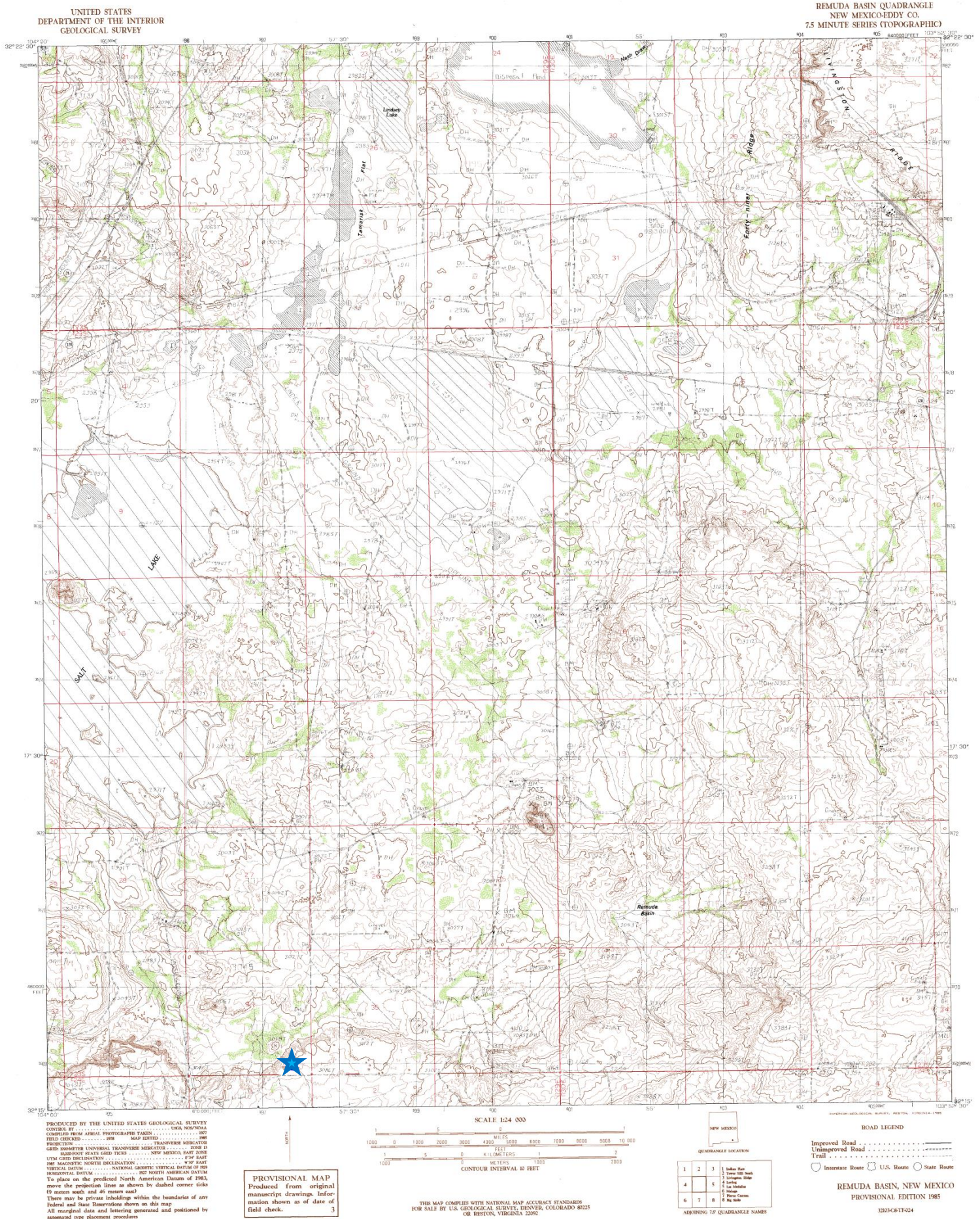
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SW/NW	SE/NW	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NE/SW	NW/SE	NE/SE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SW/SW	SE/SW	SW/SE	SE/SE
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

3

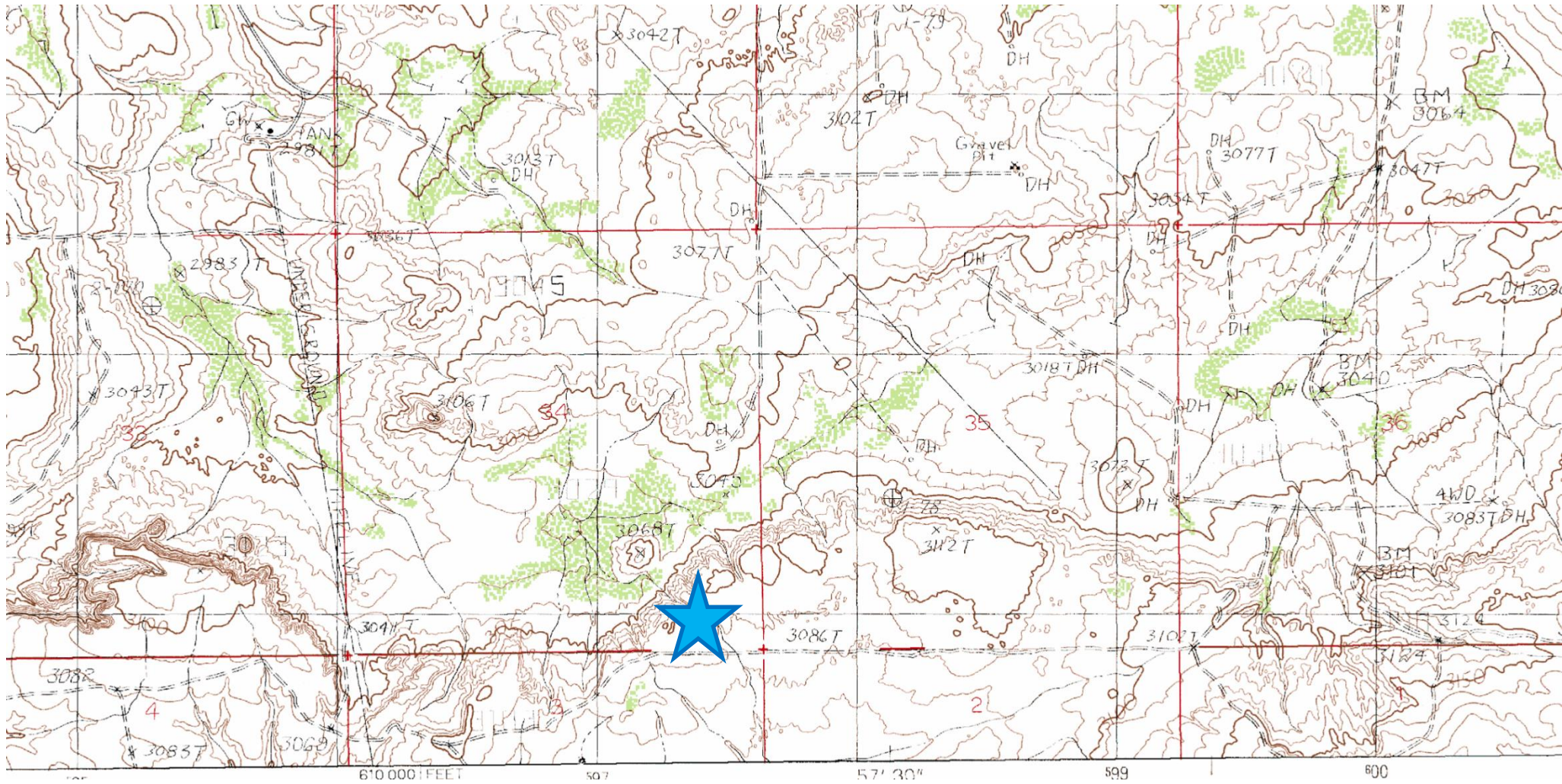
4

Oxy

Cypress 34 Federal #1 CTB



Cypress 34 Federal #1 CTB



**Laboratory Analytical Results Summary
Cypress 34 Federal #1 CTB (1/5/16 leak)**

		Sample	SP1 @ 1'
Analyte	Method	Date	3/8/16
			mg/Kg
Benzene	BTEX 8021B		<0.100
Toluene	BTEX 8021B		0.512
Ethylbenzene	BTEX 8021B		0.1
Total Xylenes	BTEX 8021B		5.49
Total BTEX	BTEX 8021B		6
Chloride	SM4500Cl-B		8000
GRO	TPH 8015M		223
DRO	TPH 8015M		3690

		Sample	SP2 @ 1'
Analyte	Method	Date	3/8/16
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		0.62
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		6.13
Total BTEX	BTEX 8021B		6.75
Chloride	SM4500Cl-B		6930
GRO	TPH 8015M		107
DRO	TPH 8015M		2130

		Sample	SP3 @ 1'
Analyte	Method	Date	3/8/16
			mg/Kg
Benzene	BTEX 8021B		<1.00
Toluene	BTEX 8021B		0.323
Ethylbenzene	BTEX 8021B		<0.100
Total Xylenes	BTEX 8021B		4.66
Total BTEX	BTEX 8021B		4.98
Chloride	SM4500Cl-B		5730
GRO	TPH 8015M		190
DRO	TPH 8015M		3270

**Laboratory Analytical Results Summary
Cypress 34 Federal #1 CTB**

		Sample	SP1 @ 1'
Analyte	Method	Date	4/11/16
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		0.597
Total BTEX	BTEX 8021B		0.63
Chloride	SM4500Cl-B		6130
GRO	TPH 8015M		30.4
DRO	TPH 8015M		1730

		Sample	SP2 @ 2'
Analyte	Method	Date	4/11/16
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		0.061
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		0.68
Total BTEX	BTEX 8021B		0.741
Chloride	SM4500Cl-B		3720
GRO	TPH 8015M		135
DRO	TPH 8015M		7180

		Sample	SP3 @ 2'
Analyte	Method	Date	4/11/16
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		0.056
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		0.748
Total BTEX	BTEX 8021B		0.803
Chloride	SM4500Cl-B		4400
GRO	TPH 8015M		123
DRO	TPH 8015M		6430

Laboratory Analytical Results Summary
Cypress 34 Federal #1 CTB (1/5/16 leak)

		Sample	SP3 @ 4'	SP3 @ 7'	SP3 @ 8'
Analyte	Method	Date	5/19/16	5/19/16	5/19/16
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.153	<0.050	<0.050
Total Xylenes	BTEX 8021B		0.727	<0.150	<0.150
Total BTEX	BTEX 8021B		0.879	<0.300	<0.300
Chloride	SM4500Cl-B		6640	1680	64
GRO	TPH 8015M		12.2	<10.0	<10.0
DRO	TPH 8015M		625	41.8	<10.0

**Laboratory Analytical Results Summary
Cypress 34 Federal #1 CTB (2/28/16 leak)**

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'
Analyte	Method	Date	3/7/16	3/7/16	3/7/16	3/8/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.071	<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	SM4500Cl-B		336	880	1840	2360
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	20.7	165	104

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	3/7/16	3/7/16	3/7/16	3/8/16
			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	0.051
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	SM4500Cl-B		416	768	688	3040
GRO	TPH 8015M		<10.0	<10.0	<10.0	12.5
DRO	TPH 8015M		15.2	<10.0	<10.0	374

		Sample	SP3 @ 1'	SP3 @ 2'
Analyte	Method	Date	3/7/16	3/7/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		148	151

Laboratory Analytical Results Summary
Cypress 34 Federal #1 CTB (2/28/16 leak)

		Sample	SP2 @ 4'	SP2 @ 5'
Analyte	Method	Date	5/19/16	5/20/16
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		1720	256



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 17, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CYPRESS 34 FEDERAL #1 CTB

Enclosed are the results of analyses for samples received by the laboratory on 03/11/16 13:15.

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 www.tceq.texas.gov/field/qa/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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

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:	03/11/2016	Sampling Date:	03/08/2016
Reported:	03/17/2016	Sampling Type:	Soil
Project Name:	CYPRESS 34 FEDERAL #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	SOUTH 128		

Sample ID: SP 1 @ 1' (H600542-01)

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	03/17/2016	ND	1.97	98.6	2.00	1.09	
Toluene*	0.512	0.100	03/17/2016	ND	1.89	94.4	2.00	2.12	
Ethylbenzene*	<0.100	0.100	03/17/2016	ND	1.66	83.1	2.00	2.82	
Total Xylenes*	5.49	0.300	03/17/2016	ND	5.13	85.5	6.00	2.14	
Total BTX	6.00	0.600	03/17/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 140 % 73.6-140

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8000	16.0	03/17/2016	ND	400	100	400	3.92	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	223	10.0	03/15/2016	ND	219	109	200	10.7	
DRO >C10-C28	3690	10.0	03/15/2016	ND	239	119	200	13.3	

Surrogate: 1-Chlorooctane 109 % 35-147

Surrogate: 1-Chlorooctadecane 129 % 28-171

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:	03/11/2016	Sampling Date:	03/08/2016
Reported:	03/17/2016	Sampling Type:	Soil
Project Name:	CYPRESS 34 FEDERAL #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	SOUTH 128		

Sample ID: SP 2 @ 1' (H600542-02)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2016	ND	1.97	98.6	2.00	1.09	
Toluene*	0.620	0.050	03/17/2016	ND	1.89	94.4	2.00	2.12	
Ethylbenzene*	<0.050	0.050	03/17/2016	ND	1.66	83.1	2.00	2.82	
Total Xylenes*	6.13	0.150	03/17/2016	ND	5.13	85.5	6.00	2.14	
Total BTX	6.75	0.300	03/17/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 176 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6930	16.0	03/17/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	107	10.0	03/15/2016	ND	201	100	200	10.0	
DRO >C10-C28	2130	10.0	03/15/2016	ND	216	108	200	9.28	

Surrogate: 1-Chlorooctane 113 % 35-147

Surrogate: 1-Chlorooctadecane 139 % 28-171

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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:	03/11/2016	Sampling Date:	03/08/2016
Reported:	03/17/2016	Sampling Type:	Soil
Project Name:	CYPRESS 34 FEDERAL #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	SOUTH 128		

Sample ID: SP 3 @ 1' (H600542-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	03/17/2016	ND	1.97	98.6	2.00	1.09	
Toluene*	0.323	0.100	03/17/2016	ND	1.89	94.4	2.00	2.12	
Ethylbenzene*	<0.100	0.100	03/17/2016	ND	1.66	83.1	2.00	2.82	
Total Xylenes*	4.66	0.300	03/17/2016	ND	5.13	85.5	6.00	2.14	
Total BTEX	4.98	0.600	03/17/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 131 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5730	16.0	03/17/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	190	10.0	03/15/2016	ND	201	100	200	10.0	
DRO >C10-C28	3270	10.0	03/15/2016	ND	216	108	200	9.28	

Surrogate: 1-Chlorooctane 123 % 35-147

Surrogate: 1-Chlorooctadecane 153 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

April 21, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CYPRESS 34 FEDERAL #1 CTB

Enclosed are the results of analyses for samples received by the laboratory on 04/14/16 9:15.

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 www.tceq.texas.gov/field/qa/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

Analytical Results For:

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

Received:	04/14/2016	Sampling Date:	04/11/2016
Reported:	04/21/2016	Sampling Type:	Soil
Project Name:	CYPRESS 34 FEDERAL #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	01/05/16 LEAK	Sample Received By:	Celey D. Keene
Project Location:	SOUTH 128		

Sample ID: SP1 @ 1' (H600814-01)

BTX 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	04/14/2016	ND	1.99	99.4	2.00	3.92	
Toluene*	<0.050	0.050	04/14/2016	ND	1.91	95.6	2.00	3.23	
Ethylbenzene*	<0.050	0.050	04/14/2016	ND	1.74	87.2	2.00	1.99	
Total Xylenes*	0.597	0.150	04/14/2016	ND	5.28	88.0	6.00	2.25	
Total BTX	0.630	0.300	04/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6130	16.0	04/18/2016	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	30.4	10.0	04/14/2016	ND	178	89.0	200	12.3		
DRO >C10-C28	1730	10.0	04/14/2016	ND	206	103	200	16.0		QM-07

Surrogate: 1-Chlorooctane 98.2 % 35-147

Surrogate: 1-Chlorooctadecane 192 % 28-171

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:	04/14/2016	Sampling Date:	04/11/2016
Reported:	04/21/2016	Sampling Type:	Soil
Project Name:	CYPRESS 34 FEDERAL #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	01/05/16 LEAK	Sample Received By:	Celey D. Keene
Project Location:	SOUTH 128		

Sample ID: SP2 @ 2' (H600814-02)

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	04/14/2016	ND	1.99	99.4	2.00	3.92	
Toluene*	0.061	0.050	04/14/2016	ND	1.91	95.6	2.00	3.23	
Ethylbenzene*	<0.050	0.050	04/14/2016	ND	1.74	87.2	2.00	1.99	
Total Xylenes*	0.680	0.150	04/14/2016	ND	5.28	88.0	6.00	2.25	
Total BTEX	0.741	0.300	04/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3720	16.0	04/18/2016	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	135	10.0	04/14/2016	ND	178	89.0	200	12.3	
DRO >C10-C28	7180	10.0	04/14/2016	ND	206	103	200	16.0	

Surrogate: 1-Chlorooctane 110 % 35-147

Surrogate: 1-Chlorooctadecane 204 % 28-171

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:	04/14/2016	Sampling Date:	04/11/2016
Reported:	04/21/2016	Sampling Type:	Soil
Project Name:	CYPRESS 34 FEDERAL #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	01/05/16 LEAK	Sample Received By:	Celey D. Keene
Project Location:	SOUTH 128		

Sample ID: SP3 @ 2' (H600814-03)

BTX 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	04/14/2016	ND	1.99	99.4	2.00	3.92		
Toluene*	0.056	0.050	04/14/2016	ND	1.91	95.6	2.00	3.23		
Ethylbenzene*	<0.050	0.050	04/14/2016	ND	1.74	87.2	2.00	1.99		
Total Xylenes*	0.748	0.150	04/14/2016	ND	5.28	88.0	6.00	2.25		
Total BTX	0.803	0.300	04/14/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4400	16.0	04/18/2016	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	123	10.0	04/14/2016	ND	178	89.0	200	12.3	
DRO >C10-C28	6430	10.0	04/14/2016	ND	206	103	200	16.0	

Surrogate: 1-Chlorooctane 108 % 35-147

Surrogate: 1-Chlorooctadecane 194 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 27, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CYPRESS 34 #1

Enclosed are the results of analyses for samples received by the laboratory on 05/24/16 14:30.

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 www.tceq.texas.gov/field/qa/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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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: 05/24/2016
Reported: 05/27/2016
Project Name: CYPRESS 34 #1
Project Number: LEAK 01/05/16
Project Location: RAW HIDE ROAD

Sampling Date: 05/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Amanda Ponce

Sample ID: SP 3 @ 4' (H601135-01)

BTX 8021B		mg/kg		Analyzed By: CK				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/26/2016	ND	2.14	107	2.00	3.91	
Toluene*	<0.050	0.050	05/26/2016	ND	2.15	107	2.00	4.58	
Ethylbenzene*	0.153	0.050	05/26/2016	ND	2.30	115	2.00	2.29	
Total Xylenes*	0.727	0.150	05/26/2016	ND	6.62	110	6.00	0.824	
Total BTX	0.879	0.300	05/26/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 154 % 73.6-140

Chloride, SM4500Cl-B			mg/kg					Analyzed By: AP	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6640	16.0	05/25/2016	ND	432	108	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	12.2	10.0	05/25/2016	ND	190	94.9	200	5.43	
DRO >C10-C28	625	10.0	05/25/2016	ND	186	92.9	200	16.1	

Surrogate: 1-Chlorooctane 105 % 35-147

Surrogate: 1-Chlorooctadecane 94.5 % 28-171

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: 05/24/2016
Reported: 05/27/2016
Project Name: CYPRESS 34 #1
Project Number: LEAK 01/05/16
Project Location: RAW HIDE ROAD

Sampling Date: 05/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Amanda Ponce

Sample ID: SP 3 @ 7' (H601135-02)

BTX 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	05/26/2016	ND	2.14	107	2.00	3.91	
Toluene*	<0.050	0.050	05/26/2016	ND	2.15	107	2.00	4.58	
Ethylbenzene*	<0.050	0.050	05/26/2016	ND	2.30	115	2.00	2.29	
Total Xylenes*	<0.150	0.150	05/26/2016	ND	6.62	110	6.00	0.824	
Total BTX	<0.300	0.300	05/26/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	05/25/2016	ND	432	108	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	05/25/2016	ND	190	94.9	200	5.43	
DRO >C10-C28	41.8	10.0	05/25/2016	ND	186	92.9	200	16.1	

Surrogate: 1-Chlorooctane 107 % 35-147

Surrogate: 1-Chlorooctadecane 108 % 28-171

Cardinal Laboratories

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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: 05/24/2016
Reported: 05/27/2016
Project Name: CYPRESS 34 #1
Project Number: LEAK 01/05/16
Project Location: RAW HIDE ROAD

Sampling Date: 05/19/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Amanda Ponce

Sample ID: SP 3 @ 8' (H601135-03)

BTX 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	05/26/2016	ND	2.14	107	2.00	3.91		
Toluene*	<0.050	0.050	05/26/2016	ND	2.15	107	2.00	4.58		
Ethylbenzene*	<0.050	0.050	05/26/2016	ND	2.30	115	2.00	2.29		
Total Xylenes*	<0.150	0.150	05/26/2016	ND	6.62	110	6.00	0.824		
Total BTX	<0.300	0.300	05/26/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 73.6-140

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	05/25/2016	ND	432	108	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	05/25/2016	ND	190	94.9	200	5.43	
DRO >C10-C28	<10.0	10.0	05/25/2016	ND	186	92.9	200	16.1	

Surrogate: 1-Chlorooctane 98.2 % 35-147

Surrogate: 1-Chlorooctadecane 107 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of 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 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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Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:																									
Project Manager: Cliff Brunson		Company:																									
Address: P.O. Box 805		Attn:																									
City: Hobbs		Address:																									
Phone #: 575-397-6388		State: NM Zip: 88241																									
Fax #: 575-397-0397		City:																									
Project #:		State:																									
Project Name: Express 31 #1 CTB-100k 1/5/16		Zip:																									
Project Location:		Phone #:																									
Sampler Name: Pete Brunson		Fax #:																									
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																	
H601135		SP304		G		1		5/9/16		1000		TPH															
2		SP307		G		1		5/19/16		1115		BTX															
3		SP308		G		1		5/19/16		1145		CL															
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Relinquished By:		Date: 5/24/16		Received By:		Date: 5/24/16		Time: 4:30		Time: 4:30																	
Relinquished By:		Time:		Received By:		Time:																					
Delivered By: (Circle One) <u>Corrected 1.01</u>		Sample Condition:		Checked By: (Initials)																							
Sampler - UPS - Bus - Other:		Cool Intact		Yes Yes																							
		No No		No No																							

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



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 17, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CYPRESS 34 FEDERAL #1 CTB

Enclosed are the results of analyses for samples received by the laboratory on 03/11/16 13:15.

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 www.tceq.texas.gov/field/qa/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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

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:	03/11/2016	Sampling Date:	03/07/2016
Reported:	03/17/2016	Sampling Type:	Soil
Project Name:	CYPRESS 34 FEDERAL #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	SOUTH 128		

Sample ID: SP 1 @ 1' (H600541-01)

BTX 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	03/16/2016	ND	2.03	102	2.00	1.63	
Toluene*	0.071	0.050	03/16/2016	ND	1.96	98.1	2.00	2.12	
Ethylbenzene*	<0.050	0.050	03/16/2016	ND	1.75	87.4	2.00	1.92	
Total Xylenes*	<0.150	0.150	03/16/2016	ND	5.30	88.4	6.00	1.65	
Total BTX	<0.300	0.300	03/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.6-140

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/17/2016	ND	432	108	400	3.77	

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	03/14/2016	ND	220	110	200	4.67	
DRO >C10-C28	<10.0	10.0	03/14/2016	ND	236	118	200	7.31	

Surrogate: 1-Chlorooctane 82.7 % 35-147

Surrogate: 1-Chlorooctadecane 89.7 % 28-171

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:	03/11/2016	Sampling Date:	03/07/2016
Reported:	03/17/2016	Sampling Type:	Soil
Project Name:	CYPRESS 34 FEDERAL #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	SOUTH 128		

Sample ID: SP 1 @ 2' (H600541-02)

BTX 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	03/16/2016	ND	2.03	102	2.00	1.63	
Toluene*	<0.050	0.050	03/16/2016	ND	1.96	98.1	2.00	2.12	
Ethylbenzene*	<0.050	0.050	03/16/2016	ND	1.75	87.4	2.00	1.92	
Total Xylenes*	<0.150	0.150	03/16/2016	ND	5.30	88.4	6.00	1.65	
Total BTX	<0.300	0.300	03/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	03/17/2016	ND	432	108	400	3.77	

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	03/14/2016	ND	220	110	200	4.67	
DRO >C10-C28	20.7	10.0	03/14/2016	ND	236	118	200	7.31	

Surrogate: 1-Chlorooctane 81.5 % 35-147

Surrogate: 1-Chlorooctadecane 84.4 % 28-171

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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:	03/11/2016	Sampling Date:	03/07/2016
Reported:	03/17/2016	Sampling Type:	Soil
Project Name:	CYPRESS 34 FEDERAL #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	SOUTH 128		

Sample ID: SP 1 @ 3' (H600541-03)

BTX 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	03/16/2016	ND	2.03	102	2.00	1.63		
Toluene*	<0.050	0.050	03/16/2016	ND	1.96	98.1	2.00	2.12		
Ethylbenzene*	<0.050	0.050	03/16/2016	ND	1.75	87.4	2.00	1.92		
Total Xylenes*	<0.150	0.150	03/16/2016	ND	5.30	88.4	6.00	1.65		
Total BTX	<0.300	0.300	03/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1840	16.0	03/17/2016	ND	432	108	400	3.77		

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	03/15/2016	ND	219	109	200	10.7	
DRO >C10-C28	165	10.0	03/15/2016	ND	239	119	200	13.3	

Surrogate: 1-Chlorooctane 90.9 % 35-147

Surrogate: 1-Chlorooctadecane 84.6 % 28-171

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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:	03/11/2016	Sampling Date:	03/08/2016
Reported:	03/17/2016	Sampling Type:	Soil
Project Name:	CYPRESS 34 FEDERAL #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	SOUTH 128		

Sample ID: SP 1 @ 4' (H600541-04)

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	03/16/2016	ND	2.03	102	2.00	1.63		
Toluene*	<0.050	0.050	03/16/2016	ND	1.96	98.1	2.00	2.12		
Ethylbenzene*	<0.050	0.050	03/16/2016	ND	1.75	87.4	2.00	1.92		
Total Xylenes*	<0.150	0.150	03/16/2016	ND	5.30	88.4	6.00	1.65		
Total BTEx	<0.300	0.300	03/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2360	16.0	03/17/2016	ND	432	108	400	3.77		

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	03/15/2016	ND	219	109	200	10.7	
DRO >C10-C28	104	10.0	03/15/2016	ND	239	119	200	13.3	

Surrogate: 1-Chlorooctane 98.4 % 35-147

Surrogate: 1-Chlorooctadecane 89.4 % 28-171

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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:	03/11/2016	Sampling Date:	03/07/2016
Reported:	03/17/2016	Sampling Type:	Soil
Project Name:	CYPRESS 34 FEDERAL #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	SOUTH 128		

Sample ID: SP 2 @ 1' (H600541-05)

BTX 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	03/16/2016	ND	2.03	102	2.00	1.63		
Toluene*	<0.050	0.050	03/16/2016	ND	1.96	98.1	2.00	2.12		
Ethylbenzene*	<0.050	0.050	03/16/2016	ND	1.75	87.4	2.00	1.92		
Total Xylenes*	<0.150	0.150	03/16/2016	ND	5.30	88.4	6.00	1.65		
Total BTX	<0.300	0.300	03/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	03/17/2016	ND	432	108	400	3.77	

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	03/15/2016	ND	219	109	200	10.7	
DRO >C10-C28	15.2	10.0	03/15/2016	ND	239	119	200	13.3	

Surrogate: 1-Chlorooctane 93.4 % 35-147

Surrogate: 1-Chlorooctadecane 88.7 % 28-171

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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:	03/11/2016	Sampling Date:	03/07/2016
Reported:	03/17/2016	Sampling Type:	Soil
Project Name:	CYPRESS 34 FEDERAL #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	SOUTH 128		

Sample ID: SP 2 @ 2' (H600541-06)

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	03/17/2016	ND	1.97	98.6	2.00	1.09		
Toluene*	<0.050	0.050	03/17/2016	ND	1.89	94.4	2.00	2.12		
Ethylbenzene*	<0.050	0.050	03/17/2016	ND	1.66	83.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	03/17/2016	ND	5.13	85.5	6.00	2.14		
Total BTEx	<0.300	0.300	03/17/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	03/17/2016	ND	432	108	400	3.77	

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	03/15/2016	ND	219	109	200	10.7	
DRO >C10-C28	<10.0	10.0	03/15/2016	ND	239	119	200	13.3	

Surrogate: 1-Chlorooctane 93.9 % 35-147

Surrogate: 1-Chlorooctadecane 91.1 % 28-171

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:	03/11/2016	Sampling Date:	03/07/2016
Reported:	03/17/2016	Sampling Type:	Soil
Project Name:	CYPRESS 34 FEDERAL #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	SOUTH 128		

Sample ID: SP 2 @ 3' (H600541-07)

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	03/17/2016	ND	1.97	98.6	2.00	1.09		
Toluene*	<0.050	0.050	03/17/2016	ND	1.89	94.4	2.00	2.12		
Ethylbenzene*	<0.050	0.050	03/17/2016	ND	1.66	83.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	03/17/2016	ND	5.13	85.5	6.00	2.14		
Total BTEx	<0.300	0.300	03/17/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	03/17/2016	ND	432	108	400	3.77	

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	03/15/2016	ND	219	109	200	10.7	
DRO >C10-C28	<10.0	10.0	03/15/2016	ND	239	119	200	13.3	

Surrogate: 1-Chlorooctane 89.9 % 35-147

Surrogate: 1-Chlorooctadecane 80.0 % 28-171

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:	03/11/2016	Sampling Date:	03/08/2016
Reported:	03/17/2016	Sampling Type:	Soil
Project Name:	CYPRESS 34 FEDERAL #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	SOUTH 128		

Sample ID: SP 2 @ 4' (H600541-08)

BTX 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	03/17/2016	ND	1.97	98.6	2.00	1.09	
Toluene*	0.051	0.050	03/17/2016	ND	1.89	94.4	2.00	2.12	
Ethylbenzene*	<0.050	0.050	03/17/2016	ND	1.66	83.1	2.00	2.82	
Total Xylenes*	<0.150	0.150	03/17/2016	ND	5.13	85.5	6.00	2.14	
Total BTX	<0.300	0.300	03/17/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	03/17/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	12.5	10.0	03/15/2016	ND	219	109	200	10.7	
DRO >C10-C28	374	10.0	03/15/2016	ND	239	119	200	13.3	

Surrogate: 1-Chlorooctane 90.6 % 35-147

Surrogate: 1-Chlorooctadecane 101 % 28-171

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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:	03/11/2016	Sampling Date:	03/07/2016
Reported:	03/17/2016	Sampling Type:	Soil
Project Name:	CYPRESS 34 FEDERAL #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	SOUTH 128		

Sample ID: SP 3 @ 1' (H600541-09)

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	03/17/2016	ND	1.97	98.6	2.00	1.09		
Toluene*	<0.050	0.050	03/17/2016	ND	1.89	94.4	2.00	2.12		
Ethylbenzene*	<0.050	0.050	03/17/2016	ND	1.66	83.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	03/17/2016	ND	5.13	85.5	6.00	2.14		
Total BTEx	<0.300	0.300	03/17/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2016	ND	400	100	400	3.92	

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	03/15/2016	ND	219	109	200	10.7	
DRO >C10-C28	148	10.0	03/15/2016	ND	239	119	200	13.3	

Surrogate: 1-Chlorooctane 92.4 % 35-147

Surrogate: 1-Chlorooctadecane 85.1 % 28-171

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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:	03/11/2016	Sampling Date:	03/07/2016
Reported:	03/17/2016	Sampling Type:	Soil
Project Name:	CYPRESS 34 FEDERAL #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	SOUTH 128		

Sample ID: SP 3 @ 2' (H600541-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/17/2016	ND	1.97	98.6	2.00	1.09		
Toluene*	<0.050	0.050	03/17/2016	ND	1.89	94.4	2.00	2.12		
Ethylbenzene*	<0.050	0.050	03/17/2016	ND	1.66	83.1	2.00	2.82		
Total Xylenes*	<0.150	0.150	03/17/2016	ND	5.13	85.5	6.00	2.14		
Total BTEx	<0.300	0.300	03/17/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/17/2016	ND	400	100	400	3.92		

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	03/15/2016	ND	219	109	200	10.7	
DRO >C10-C28	151	10.0	03/15/2016	ND	239	119	200	13.3	

Surrogate: 1-Chlorooctane 96.8 % 35-147

Surrogate: 1-Chlorooctadecane 91.5 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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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Celey D. Keene, Lab Director/Quality Manager

ORDINAL 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: CEELEY SUMMERS					
City: Hobbs			Address:					
State: NM Zip: 88241								
Phone #: 575-397-6388			City:					
Fax #: 575-397-0397			State:					
Project #:			Zip:					
Project Name: CYPRESS 34 Fed 1 CTB (2.28.16)			Phone #:					
Project Location:			Fax #:					
Sample Name: Page Hernandez			PRESERV					
FOR LAB USE ONLY			SAMPLING					
Lab I.D.			DATE			TIME		
Sample I.D.			CHLORIDE			TPH		
H100541			BTX					
1 SP1 @ 1' V			3-7-16			1011		
2 @ 2' V			3-7-16			1045		
3 @ 3' V			3-7-16			1150		
4 @ 4' V			3-8-16			940		
5 SP2 @ 1' V			3-2-16			120		
6 @ 2' V			3-2-16			143		
7 @ 3' V			3-2-16			211		
8 @ 4' V			3-2-16			1008		
9 SP3 @ 1' V			3-7-16			308		
10 SP3 @ 2' V			3-2-16			530		
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Relinquished By: [Signature]			Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No			Add'l Fax #:		
Relinquished By: [Signature]			REMARKS:					
Delivered By: (Circle One)			Sample Condition			CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:			<input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No			[Signature]		



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 26, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CYPRESS 34 FEDERAL #1 CTB

Enclosed are the results of analyses for samples received by the laboratory on 05/24/16 16:30.

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 www.tceq.texas.gov/field/qa/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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

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:	05/24/2016	Sampling Date:	05/19/2016
Reported:	05/26/2016	Sampling Type:	Soil
Project Name:	CYPRESS 34 FEDERAL #1 CTB	Sampling Condition:	Cool & Intact
Project Number:	LEAK 2/28/16	Sample Received By:	Amanda Ponce
Project Location:	SOUTH 128		

Sample ID: SP 2 @ 4' (H601134-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	05/25/2016	ND	432	108	400	0.00	

Sample ID: SP 2 @ 5' (H601134-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/25/2016	ND	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

105-1

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: *miss 34 #1 CTB - Leak 2/28/16*

Project Location:

Sampler Name: *Pie Brunson*

FOR LAB USE ONLY

Lab I.D. Sample I.D.

<i>4601134</i>	<i>5/29/16</i>	<i>5/29/16</i>	<i>215</i>	<i>1/CL</i>
<i>282-051</i>	<i>6</i>	<i>1</i>	<i>330</i>	

(G)RAB OR (C)OMP.	
# CONTAINERS	
GROUNDWATER	
WASTEWATER	
SOIL	
OIL	
SLUDGE	
OTHER :	
ACID/BASE:	
ICE / COOL	
OTHER :	

MATRIX

PRESERV

SAMPLING

P.O. #:

Company:

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

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Relinquished By:

Date: *5/29/16*

Received By:

Relinquished By:

Date: *5/29/16*

Received By:

Delivered By: (Circle One) *Cardinal = 1.01*

Sampler - UPS - Bus - Other: *11C #54*

Sample Condition
Cool ☒ Intact ☒
Yes ☒ No ☐
Yes ☒ No ☐

CHECKED BY:
(Initials) *[Signature]*

REMARKS:

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
Add'l Phone #:
Add'l Fax #:

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

Kathy Purvis

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Friday, May 13, 2016 7:59 AM
To: Cliff Brunson
Cc: Patterson, Heather, EMNRD; Casey Summers; Dusty Wilson; Jennifer_Duarte@oxy.com; Ken Swinney; Jennifer Gilkey; Kathy Purvis; Tucker, Shelly
Subject: RE: OXY - Cypress 34 Federal #1 CTB - Remediation Plan

RE: OXY USA * Cypress 34 Fed 1 CTB * 30-015-35053 * 2RP-3497 * DOR: 1/5/16 & 2RP-3608 * DOR: 2/28/16

Cliff,

Your proposal for partial remediation of the above referenced releases is approved. Please advise once remedial activities have been scheduled. As stated in the proposal, delineation of the site will be required for consideration of deferral for portions of the site. Federal sites will require like approval by BLM.

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

If you have any questions or concerns, and for notification, please contact me.

Mike Bratcher
NMOCD District 2
811 S. First Street
Artesia, NM 88210
O: 575-748-1283 X108
C: 575-626-0857
F: 575-748-9720

From: Cliff Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Tuesday, May 03, 2016 4:27 PM
To: Bratcher, Mike, EMNRD
Cc: Patterson, Heather, EMNRD; Casey Summers; Dusty Wilson; Jennifer_Duarte@oxy.com; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY - Cypress 34 Federal #1 CTB - Remediation Plan

Mike,

This e-mail is to confirm our discussion concerning the remediation plan for the two Oxy Cypress 34 Federal #1 CTB releases. I have attached the information packet that we used in our discussion with a cover page describing the remediation plan that we agreed upon.

If you would please reply back via e-mail with your concurrence on this plan, it would be greatly appreciated. Also, Shelly Tucker with the BLM has approved this as proposed as well.

Thanks, Cliff

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

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2015.0.6201 / Virus Database: 4568/12215 - Release Date: 05/12/16











































