



DELINEATION WORKPLAN

OXY – CEDAR CANYON 28 FEDERAL #4 (Leak Date: 07/21/14)

RP # 2RP-2431

This delineation workplan and remediation proposal addresses the releases associated with RP # 2RP-2431.

The following information includes:

1. Scaled digital site map with spill area demarcated and leak point identified along with sample point locations and areas of remediation at appropriate depths.
2. GPS information for sample points and sample methodology
3. Depth to groundwater information (i.e., pdf of OSE search results and/or copy of Chevron groundwater trend map).
4. Laboratory analysis results summary table and original laboratory analysis reports
5. A copy of the initial C-141
6. Potentially other pertinent information as necessary for site specific purposes.

Based on the information included in this package and the NMOCD guidelines, the following remediation is proposed:

OXY will excavate the spill areas as depicted on the following site diagram. The entire leak area (green shade on diagram) will be excavated to a depth of 2 feet.

The entire site will then be backfilled with clean soil and revegetated (if warranted) to the standards of the appropriate regulatory agency or private surface owner.

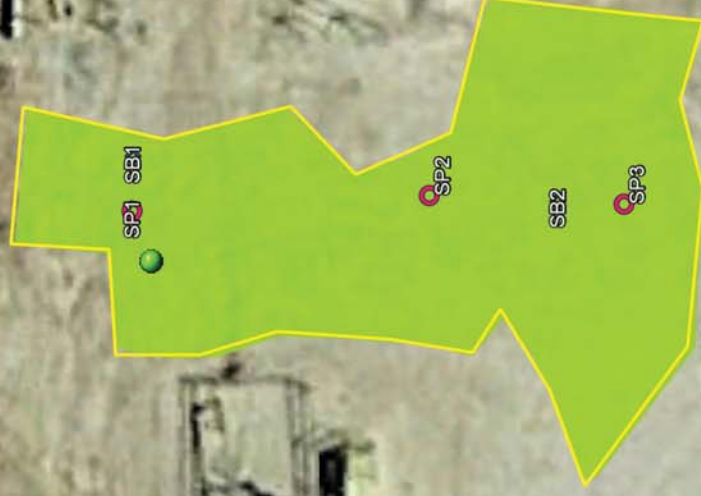
All excavated materials will be disposed of at an NMOCD-approved disposal facility.

Oxy, Cedar Canyon 28 Federal #4

Leak date: 07/21/2014
Eddy County, NM
API# 30-015-29118
2RP-2431

Legend

- 2 ft Excavaation
- Drilling soil borings
- Sample points
- Leak Area (yellow outline)



Oxy, Cedar Canyon 28 Federal #4

Sample points, hand auger

SP1, N 32.18657 W-103.99160

SP2, N 32.18647 W-103.99159

SP3, N 32.18641 W-103.99159

Sample points, drilling

SB1, N 32.18657 W-103.99158

SB2, N 32.18643 W-103.99159

Oxy, Cedar Canyon 28 Federal #4
U/L K, Section 28, T24S, R29E
Groundwater: 75'





New Mexico Office of the State Engineer **Water Column/Average Depth to Water**

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 595056

Northing (Y): 3561557

Radius: 1700

Public Land Survey System (PLSS)

☒ Q64: Q16: NE Q4: SW Sec: 28 Tws: 24S Rng: 29E

State Plane Coordinate System - NAD27

☐ X: 0 ft Y: 0 ft Zone:

State Plane Coordinate System - NAD83

☐ X: 0 ft Y: 0 ft Zone:

Degrees/Minutes/Seconds

☐ Longitude (X): Degrees: 0 ° Minutes: 0 ' Seconds: 0 "

Latitude (Y): Degrees: 0 ° Minutes: 0 ' Seconds: 0 "

UTM - NAD27

☐ Easting (X): 0 mtrs Northing (Y): 0 mtrs Zone:

SUBMIT**All Conversion Results are displayed as NAD 1983 UTM Zone 13**Easting (X): 595056.0 mtrsNorthing (Y): 3561557.0 mtrs**~~ Please keep screen open to copy UTM values for Reports. ~~**

**Laboratory Analytical Results Summary
Cedar Canyon 28 Federal #4**

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 5'	SP1 @ 6'	SP1 @ 9'	SP1 @ 14'	SP1 @ 17'
Analyte	Method	Date	9/8/14	9/8/14	9/8/14	9/8/14	10/23/14	10/23/14	10/23/14	10/23/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		n/a	<0.150	n/a	n/a	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		n/a	<0.300	n/a	n/a	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		544	640	1260	3600	1100	1520	1150	1170
GRO	TPH 8015M		n/a	<10.0	n/a	n/a	n/a	n/a	n/a	n/a
DRO	TPH 8015M		n/a	<10.0	n/a	n/a	n/a	n/a	n/a	n/a

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 5'	SP2 @ 6'	SP2 @ 9'	SP2 @ 14'	SP2 @ 17'
Analyte	Method	Date	9/8/14	9/8/14	9/8/14	9/8/14	10/23/14	10/23/14	10/23/14	10/23/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		n/a	<0.150	n/a	n/a	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		n/a	<0.300	n/a	n/a	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		2200	2240	480	1580	1550	1090	1120	1490
GRO	TPH 8015M		n/a	<10.0	n/a	n/a	n/a	n/a	n/a	n/a
DRO	TPH 8015M		n/a	<10.0	n/a	n/a	n/a	n/a	n/a	n/a

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 5'	SP3 @ 6'	SP3 @ 10'	SP3 @ 14'	SP3 @ 17'
Analyte	Method	Date	9/8/14	9/8/14	9/8/14	9/8/14	10/23/14	10/23/14	10/23/14	10/23/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		n/a	<0.150	n/a	n/a	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		n/a	<0.300	n/a	n/a	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		1960	2040	752	1180	1500	1260	1380	1360
GRO	TPH 8015M		n/a	<10.0	n/a	n/a	n/a	n/a	n/a	n/a
DRO	TPH 8015M		n/a	<10.0	n/a	n/a	n/a	n/a	n/a	n/a

Laboratory Analytical Results Summary
Cedar Canyon 28 Federal #4

Drilling Monitor Well		Sample	SB @ 20'	SB @ 25'	SB @ 30'	SB @ 35'	SB @ 40'	SB @ 45'	SB @ 50'	SB @ 55'	SB @ 60'	SB @ 65'	SB @ 70'	SB @ 75'	SB @ 80'	SB @ 85'
Analyte	Method	Date	7/21/15	7/21/15	7/21/15	7/21/15	7/21/15	7/21/15	7/21/15	7/21/15	7/21/15	7/21/15	7/21/15	7/21/15	7/21/15	7/21/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		1230	1120	1220	1700	1310	1470	800	896	2120	992	1040	416	1380	1420

September 22, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR CANYON 28 FED#4 CTB

Enclosed are the results of analyses for samples received by the laboratory on 09/16/14 16:30.

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/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:	09/16/2014	Sampling Date:	09/08/2014
Reported:	09/22/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED#4 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 1 (H402878-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	09/19/2014	ND	400	100	400	3.92	

Sample ID: SP 1 @ 2 (H402878-02)

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	09/19/2014	ND	1.75	87.5	2.00	9.29	
Toluene*	<0.050	0.050	09/19/2014	ND	1.66	82.8	2.00	10.7	
Ethylbenzene*	<0.050	0.050	09/19/2014	ND	1.56	78.1	2.00	9.48	
Total Xylenes*	<0.150	0.150	09/19/2014	ND	4.63	77.2	6.00	8.77	
Total BTX	<0.300	0.300	09/19/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	09/19/2014	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	09/18/2014	ND	186	92.8	200	2.15	
DRO >C10-C28	<10.0	10.0	09/18/2014	ND	193	96.7	200	3.63	

Surrogate: 1-Chlorooctane 92.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 100 % 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:	09/16/2014	Sampling Date:	09/08/2014
Reported:	09/22/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED#4 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 3 (H402878-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1260	16.0	09/19/2014	ND	400	100	400	3.92		

Sample ID: SP 1 @ 5 (H402878-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	09/22/2014	ND	400	100	400	3.92	

Sample ID: SP 2 @ 1 (H402878-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	09/22/2014	ND	400	100	400	3.92	

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Received:	09/16/2014	Sampling Date:	09/08/2014
Reported:	09/22/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED#4 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 2 (H402878-06)

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	09/19/2014	ND	1.75	87.5	2.00	9.29		
Toluene*	<0.050	0.050	09/19/2014	ND	1.66	82.8	2.00	10.7		
Ethylbenzene*	<0.050	0.050	09/19/2014	ND	1.56	78.1	2.00	9.48		
Total Xylenes*	<0.150	0.150	09/19/2014	ND	4.63	77.2	6.00	8.77		
Total BTEX	<0.300	0.300	09/19/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	2240	16.0	09/22/2014	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	09/18/2014	ND	186	92.8	200	2.15	
DRO >C10-C28	<10.0	10.0	09/18/2014	ND	193	96.7	200	3.63	

Surrogate: 1-Chlorooctane 92.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 99.8 % 63.6-154

Sample ID: SP 2 @ 3 (H402878-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	09/22/2014	ND	400	100	400	3.92	

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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:	09/16/2014	Sampling Date:	09/08/2014
Reported:	09/22/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED#4 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 5 (H402878-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1580	16.0	09/22/2014	ND	400	100	400	3.92		

Sample ID: SP 3 @ 1 (H402878-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1960	16.0	09/22/2014	ND	400	100	400	3.92		

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Received:	09/16/2014	Sampling Date:	09/08/2014
Reported:	09/22/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED#4 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ 2 (H402878-10)

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	09/19/2014	ND	1.75	87.5	2.00	9.29		
Toluene*	<0.050	0.050	09/19/2014	ND	1.66	82.8	2.00	10.7		
Ethylbenzene*	<0.050	0.050	09/19/2014	ND	1.56	78.1	2.00	9.48		
Total Xylenes*	<0.150	0.150	09/19/2014	ND	4.63	77.2	6.00	8.77		
Total BTEx	<0.300	0.300	09/19/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	2040	16.0	09/22/2014	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	09/18/2014	ND	186	92.8	200	2.15	
DRO >C10-C28	<10.0	10.0	09/18/2014	ND	193	96.7	200	3.63	

Surrogate: 1-Chlorooctane 91.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 100 % 63.6-154

Sample ID: SP 3 @ 3 (H402878-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	09/22/2014	ND	400	100	400	3.92	

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	09/16/2014	Sampling Date:	09/08/2014
Reported:	09/22/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED#4 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ 5 (H402878-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1180	16.0	09/22/2014	ND	400	100	400	3.92		

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Celey D. Keene, Lab Director/Quality Manager

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

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Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

Company Name: BBC International, Inc.	P.O. #:	BILL TO										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: CXY																				
Project Name: Cedar Canyon 2nd Field 4	City:																				
Project Location:	State:																				
Sampler Name: Price Dwyer	Phone #:																				
	Fax #:																				

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :												
H402878	1	8/1/14	1								8/6	CL, TPH, BTEX									
	2	8/1/14	1								8/20										
	3	8/1/14	1								8/30										
	4	8/1/14	1								8/30										
	5	8/2/14	1								9/20										
	6	8/2/14	1								9/30										
	7	8/2/14	1								10/10										
	8	8/2/14	1								10/20										

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Relinquished By: <i>Li Br</i>	Date: 8/1/14	Time: 1:30	Received By: <i>Price Dwyer</i>	Date: 8/1/14	Time: 1:30	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKED BY: <i>Price Dwyer</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
REMARKS:						

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

October 31, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR CANYON 28 FED #4

Enclosed are the results of analyses for samples received by the laboratory on 10/28/14 9:23.

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/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:	10/28/2014	Sampling Date:	10/23/2014
Reported:	10/31/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: SP 1 @ 6' (H403303-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	10/28/2014	ND	416	104	400	0.00	

Sample ID: SP 1 @ 9' (H403303-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	10/28/2014	ND	416	104	400	0.00	

Sample ID: SP 1 @ 14' (H403303-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	10/28/2014	ND	416	104	400	0.00	

Sample ID: SP 1 @ 17' (H403303-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	10/28/2014	ND	416	104	400	0.00	

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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:	10/28/2014	Sampling Date:	10/23/2014
Reported:	10/31/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: SP 2 @ 6' (H403303-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1550	16.0	10/28/2014	ND	416	104	400	0.00		

Sample ID: SP 2 @ 9' (H403303-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	10/28/2014	ND	416	104	400	0.00	

Sample ID: SP 2 @ 14' (H403303-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1120	16.0	10/28/2014	ND	416	104	400	0.00		

Sample ID: SP 2 @ 17' (H403303-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1490	16.0	10/28/2014	ND	416	104	400	0.00		

Sample ID: SP 3 @ 6' (H403303-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	10/28/2014	ND	416	104	400	0.00	

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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:	10/28/2014	Sampling Date:	10/23/2014
Reported:	10/31/2014	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: SP 3 @ 10' (H403303-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1260	16.0	10/28/2014	ND	416	104	400	0.00		

Sample ID: SP 3 @ 14' (H403303-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	10/28/2014	ND	416	104	400	0.00	

Sample ID: SP 3 @ 17' (H403303-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	10/28/2014	ND	416	104	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

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

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Celey D. Keene, Lab Director/Quality Manager

ARDINAL 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. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 State: NM Zip: 88241 Fax #: 575-397-0397 Project #: Project Name: Cedar Canyon 28 Feb #14 Project Location: Sampler Name: Roger Hernandez FOR LAB USE ONLY										P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:																			
Lab I.D. H403303 Sample I.D.										Matrix (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :										DATE TIME									
1 01 06 1 2 01 09 1 3 01 09 1 4 01 09 1 5 02 06 1 6 02 09 1 7 02 09 1 8 02 09 1 9 03 06 1 10 03 06 1 11 03 06 1 12 03 06 1 13 03 06 1 14 03 06 1 15 03 06 1 16 03 06 1 17 03 06 1 18 03 06 1 19 03 06 1 20 03 06 1 21 03 06 1 22 03 06 1 23 03 06 1 24 03 06 1 25 03 06 1 26 03 06 1 27 03 06 1 28 03 06 1 29 03 06 1 30 03 06 1 31 03 06 1 32 03 06 1 33 03 06 1 34 03 06 1 35 03 06 1 36 03 06 1 37 03 06 1 38 03 06 1 39 03 06 1 40 03 06 1 41 03 06 1 42 03 06 1 43 03 06 1 44 03 06 1 45 03 06 1 46 03 06 1 47 03 06 1 48 03 06 1 49 03 06 1 50 03 06 1 51 03 06 1 52 03 06 1 53 03 06 1 54 03 06 1 55 03 06 1 56 03 06 1 57 03 06 1 58 03 06 1 59 03 06 1 60 03 06 1 61 03 06 1 62 03 06 1 63 03 06 1 64 03 06 1 65 03 06 1 66 03 06 1 67 03 06 1 68 03 06 1 69 03 06 1 70 03 06 1 71 03 06 1 72 03 06 1 73 03 06 1 74 03 06 1 75 03 06 1 76 03 06 1 77 03 06 1 78 03 06 1 79 03 06 1 80 03 06 1 81 03 06 1 82 03 06 1 83 03 06 1 84 03 06 1 85 03 06 1 86 03 06 1 87 03 06 1 88 03 06 1 89 03 06 1 90 03 06 1 91 03 06 1 92 03 06 1 93 03 06 1 94 03 06 1 95 03 06 1 96 03 06 1 97 03 06 1 98 03 06 1 99 03 06 1 100 03 06 1 101 03 06 1 102 03 06 1 103 03 06 1 104 03 06 1 105 03 06 1 106 03 06 1 107 03 06 1 108 03 06 1 109 03 06 1 110 03 06 1 111 03 06 1 112 03 06 1 113 03 06 1 114 03 06 1 115 03 06 1 116 03 06 1 117 03 06 1 118 03 06 1 119 03 06 1 120 03 06 1 121 03 06 1 122 03 06 1 123 03 06 1 124 03 06 1 125 03 06 1 126 03 06 1 127 03 06 1 128 03 06 1 129 03 06 1 130 03 06 1 131 03 06 1 132 03 06 1 133 03 06 1 134 03 06 1 135 03 06 1 136 03 06 1 137 03 06 1 138 03 06 1 139 03 06 1 140 03 06 1 141 03 06 1 142 03 06 1 143 03 06 1 144 03 06 1 145 03 06 1 146 03 06 1 147 03 06 1 148 03 06 1 149 03 06 1 150 03 06 1 151 03 06 1 152 03 06 1 153 03 06 1 154 03 06 1 155 03 06 1 156 03 06 1 157 03 06 1 158 03 06 1 159 03 06 1 160 03 06 1 161 03 06 1 162 03 06 1 163 03 06 1 164 03 06 1 165 03 06 1 166 03 06 1 167 03 06 1 168 03 06 1 169 03 06 1 170 03 06 1 171 03 06 1 172 03 06 1 173 03 06 1 174 03 06 1 175 03 06 1 176 03 06 1 177 03 06 1 178 03 06 1 179 03 06 1 180 03 06 1 181 03 06 1 182 03 06 1 183 03 06 1 184 03 06 1 185 03 06 1 186 03 06 1 187 03 06 1 188 03 06 1 189 03 06 1 190 03 06 1 191 03 06 1 192 03 06 1 193 03 06 1 194 03 06 1 195 03 06 1 196 03 06 1 197 03 06 1 198 03 06 1 199 03 06 1 200 03 06 1 201 03 06 1 202 03 06 1 203 03 06 1 204 03 06 1 205 03 06 1 206 03 06 1 207 03 06 1 208 03 06 1 209 03 06 1 210 03 06 1 211 03 06 1 212 03 06 1 213 03 06 1 214 03 06 1 215 03 06 1 216 03 06 1 217 03 06 1 218 03 06 1 219 03 06 1 220 03 06 1 221 03 06 1 222 03 06 1 223 03 06 1 224 03 06 1 225 03 06 1 226 03 06 1 227 03 06 1 228 03 06 1 229 03 06 1 230 0																													



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

Company Name: BBC International, Inc.		P.O. #:		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company:			
Address: P.O. Box 805		Attn:			
City: Hobbs		Address:			
Phone #: 575-397-6388		City:			
Fax #: 575-397-0397		State:			
Project #: 101		Zip:			
Project Name: Cedar Canyon 28 Fed #1		Phone #:			
Project Location:		Fax #:			
Sample Name: Royal Henderson					

FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME										
	H403303	SP3-014		1	GROUNDWATER			10/23/14	2:31										
	12	SP3-017		1	WASTEWATER			10/23/14	3:00										
					SOIL														
					OIL														
					SLUDGE														
					OTHER:														
					ACID/BASE:														
					ICE / COOL														
					OTHER:														

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Relinquished By:	Date: 10/23/14	Received By:	Date: 10/23/14	Time: 5:00pm	Sample Condition	CHECKED BY:
					Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	
					Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	
Delivered By: (Circle One)						
Sampler - UPS - Bus - Other:						

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

54

July 29, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR CANYON 28 FED #4

Enclosed are the results of analyses for samples received by the laboratory on 07/23/15 10:48.

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/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:	07/23/2015	Sampling Date:	07/21/2015
Reported:	07/29/2015	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NONE GIVEN		

Sample ID: SB @ 20' (H501918-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	16.0	07/29/2015	ND	416	104	400	0.00	

Sample ID: SB @ 25' (H501918-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	07/29/2015	ND	416	104	400	0.00	

Sample ID: SB @ 30' (H501918-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	07/29/2015	ND	416	104	400	0.00	

Sample ID: SB @ 35' (H501918-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1700	16.0	07/29/2015	ND	416	104	400	0.00	

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:	07/23/2015	Sampling Date:	07/21/2015
Reported:	07/29/2015	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NONE GIVEN		

Sample ID: SB @ 40' (H501918-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	07/29/2015	ND	416	104	400	0.00	

Sample ID: SB @ 45' (H501918-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	07/29/2015	ND	416	104	400	0.00	

Sample ID: SB @ 50' (H501918-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	07/29/2015	ND	416	104	400	0.00	

Sample ID: SB @ 55' (H501918-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	07/29/2015	ND	416	104	400	0.00	

Sample ID: SB @ 60' (H501918-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	07/29/2015	ND	416	104	400	0.00	

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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:	07/23/2015	Sampling Date:	07/21/2015
Reported:	07/29/2015	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #4	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NONE GIVEN		

Sample ID: SB @ 65' (H501918-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	07/29/2015	ND	416	104	400	0.00	

Sample ID: SB @ 70' (H501918-11)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	07/29/2015	ND	416	104	400	3.92	

Sample ID: SB @ 75' (H501918-12)

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	07/29/2015	ND	416	104	400	3.92		

Sample ID: SB @ 80' (H501918-13)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	07/29/2015	ND	416	104	400	3.92	

Sample ID: SB @ 85' (H501918-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	07/29/2015	ND	416	104	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

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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

122

Company Name: BBC International, Inc.						BILL TO							
Project Manager: Cliff Brunson						P.O. #:							
Address: P.O. Box 805						Company:							
City: Hobbs						Attn:							
State: NM Zip: 88241						Address: SAME							
Phone #: 575-397-6388 Fax #: 575-397-0397						City:							
Project #:						State: Zip:							
Project Name: CEDAR CANYON 28# 4						Phone #:							
Project Location:						Fax #:							
Sampler Name: ROGER HERNANDEZ													
FOR LAB USE ONLY													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING	
H501978		SB@ 20'		G 1		GROUNDWATER		WASTEWATER		SOIL		OIL	
		25'		G 1		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL	
		30'		G 1		DATE		TIME		CHLORIDE			
		35'		G 1		7-21-15		915					
		40'		G 1		7-21-15		1011					
		45'		G 1		7-21-15		1050					
		50'		G 1		7-21-15		1111					
		55'		G 1		7-21-15		1140					
		60'		G 1		7-21-15		1235					
		65'		G 1		7-21-15		105					
				G 1		7-21-15		134					
				G 1		7-21-15		151					
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Relinquished By: Roger Hernandez						Date: 7-23-15 Received By: [Signature]							
Relinquished By: [Signature]						Time: 800 Date: 7-23-15 Received By: [Signature]							
Delivered By: (Circle One)						Sample Condition <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							
Sampler - UPS - Bus - Other: -11.0						CHECKED BY: [Signature] (initials)							
REMARKS:						Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:							

ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

Form C-141
Revised August 8, 2011

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	Cedar Canyon 28 Federal #4	Facility Type	Well and battery location
Surface Owner	BLM	Mineral Owner	API No. 30-015-29118

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	28	24S	29E	1980	South	1980	West	Eddy County, NM

Latitude N 32.18635° Longitude W 103.99153°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	10 bbls	Volume Recovered	0 bbls
Source of Release	Erosion of 4" steel injection line between the well and the battery	Date and Hour of Occurrence	07/21/2014	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-NMOCD; Sol Hughes- BLM		
By Whom?	Kathy Purvis	Date and Hour	07/22/2014 @ 2:29 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.*

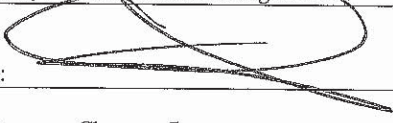
Describe Cause of Problem and Remedial Action Taken.*

The erosion of a 4" steel injection line between the well and the battery lead to a spill of 10 bbls of produced water onto the ground. No fluids were recovered and the line was repaired or replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 65' x 15' near the open hole by the injection well and is entirely 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: 	OIL CONSERVATION DIVISION	
Printed Name: Chancey Summers	Approved by Environmental Specialist:	
Title: HES Advisor	Approval Date:	Expiration Date:
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 7-31-14 Phone: (575) 397-8216		

* Attach Additional Sheets If Necessary