# Closure Report ID #nAB1722641022

Site Description							
Site Name:	CEDAR CANYON 21 5 H						
Company:	Oxy, Permian						
Legal Description:	U/L M, Section 22, T24S, R29E						
County:	Eddy County, NM						
GPS Coordinates:	N 32.20137, W-103.97434						

	Release Data								
Date of Release:	7/13/2017								
Type of Release:	Oil								
Source of Release:	6 inch steel production oil line								
Volume of Release:	6 bbls								
Volume Recovered:	0 bbls								

	Remediation Specifications
Remediation Parameters:	This site is listed on the Agreed Compliance Order of 4/5/19. This site had previously been remediated but no paperwork existed for verification therefore, OXY performed confirmation sampling to verify remediation limits had been met. The enclosed site diagram depicts the spill area, excavation depths, and the confirmation sample points. OXY collected sidewall and bottom confirmation samples every 200 square feet.
Remediation Activities:	
Plan Sent to OCD:	
OCD Approval of Plan:	
Plan Sent to BLM:	
BLM Approval of Plan:	

Supporting Documentation									
C-141, page 6	signed and included								
Site Diagram	Google Earth map with excavation depths & confirmation sample points								
Pictures	Remediation photos								
Lab Summary/Analysis	Confirmation lab summary/analysis report for 4/5/23,4/13/23								
Sample Notifiactions	3/30/23,3/31/23								

## **Request for Closure**

Based on the completion of the remediation, OXY requests closure approval from the NMOCD.

Cliff Brunson, President of BBC International Inc.

7/27/2023

Form C-141 Page 6 State of New Mexico
Oil Conservation Division

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

must be notified 2 days prior to liner inspection)

Incident ID	nAB1722641022
District RP	
Facility ID	
Application ID	

### Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

Description of remediation activities	
and regulations all operators are required to report and/or file ce may endanger public health or the environment. The acceptance should their operations have failed to adequately investigate and human health or the environment. In addition, OCD acceptance compliance with any other federal, state, or local laws and/or regrestore, reclaim, and re-vegetate the impacted surface area to the accordance with 19.15.29.13 NMAC including notification to the Printed Name:  Wade Dittrich	Title: Environmental Coordinator
email: wade_dittrich@oxy.com	Date: 7-26-23 Telephone: (575) 390-2828
OCD Only	
Received by:	Date: 07/28/2023
Closure approval by the OCD does not relieve the responsible paremediate contamination that poses a threat to groundwater, surfaparty of compliance with any other federal, state, or local laws a	arty of liability should their operations have failed to adequately investigate and ace water, human health, or the environment nor does not relieve the responsible and/or regulations.
Closure Approved by:	Date:08/08/2023
Printed Name: <u>Jocelyn Harimon</u>	Title: Environmental Specialist

From: Enviro, OCD, EMNRD

To: Cliff Brunson

Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD

Subject: RE: [EXTERNAL] OXY - Cedar Canyon 21 5H (nAB1722641022) - Sampling Notification

**Date:** Friday, March 31, 2023 8:11:35 AM

Cliff,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov

http://www.emnrd.nm.gov



From: Cliff Brunson <cbrunson@bbcinternational.com>

Sent: Thursday, March 30, 2023 4:55 PM

**To:** Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

**Cc:** 'Wade Dittrich' <Wade\_Dittrich@oxy.com>; Tyson Pierce <tyson\_pierce@oxy.com>; Kathy Sweeney <kathys@bbcinternational.com>; 'Jennifer Gilkey' <jgilkey@bbcinternational.com> **Subject:** [EXTERNAL] OXY - Cedar Canyon 21 5H (nAB1722641022) - Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Cedar Canyon 21 5H (nAB1722641022) (7/13/17) (ACO) on Wednesday, April 5 at 9:00 a.m.

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

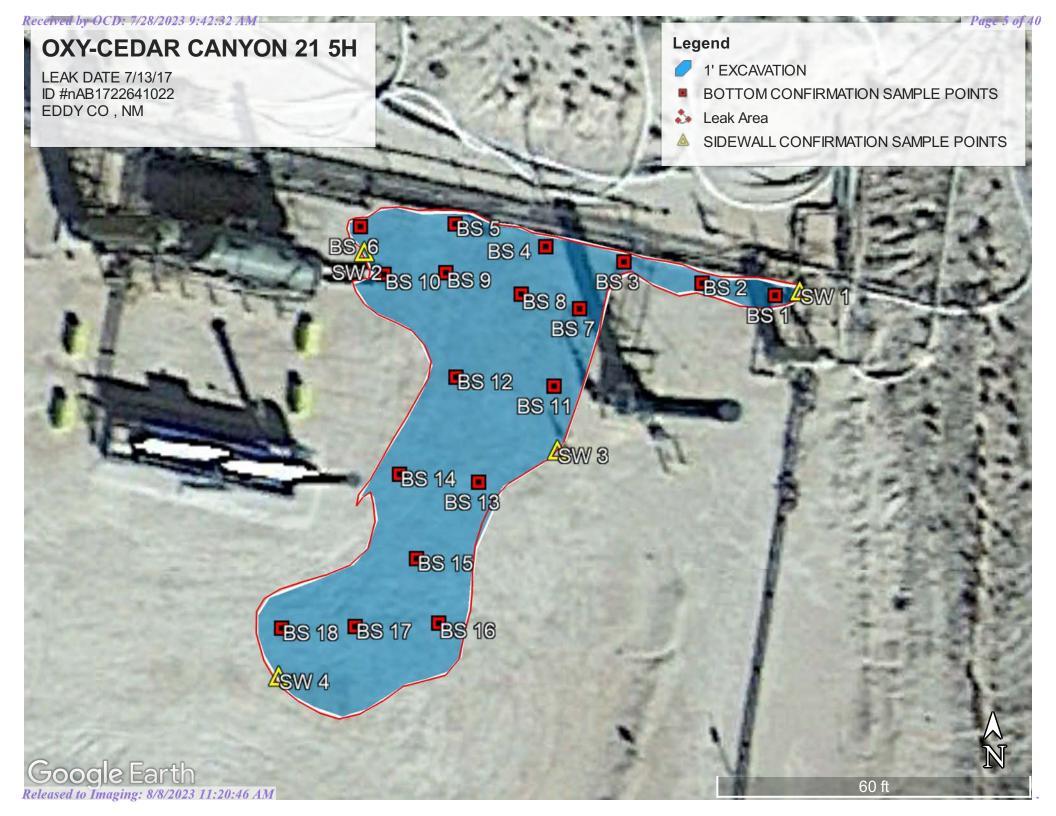
Fax: (575) 397-0397

E-Mail: <a href="mailto:cbrunson@bbcinternational.com">cbrunson@bbcinternational.com</a>



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Released to Imaging: 8/8/2023 11:20:46 AM



## OXY-CEDAR CANYON 21 5H (7/13/17) SAMPLE DATE 4/5/23

### **BOTTOM SAMPLE POINTS**

BS 1@1'	N 32.19970	W -103.97676
BS 2@1'	N 32.19969	W-103.97684
BS 3@1'	N 32.19971	W-103.67689
BS 4@1'	N 32.19973	W-103.67694
BS 5@1'	N 32.19974	W-103.97700
BS 6@1'	N 32.19976	W-103.97704
BS 7@1'	N 32.19970	W-103.97713
BS 8@1'	N 32.19970	W-103.97716
BS 9@1'	N 32.19971	W-103.97721
BS 10@1'	N 32.19970	W-103.97706
BS 11@1'	N 32.19984	W-103.97696
BS 12@1'	N 32.19968	W-103.97704
BS 13@1'	N 32.19962	W-103.97697
BS 14@1'	N 32.19962	W-103.97707
BS 15@1'	N 32.19955	W-103.97709
BS 16@1'	N 32.19953	W-103.97600
BS 17@1'	N 32.19954	W-103.97705
BS 18@1'	N 32.19955	W-103.97714

### SIDEWALL SAMPLE POINTS

SW 1	N 32.19971	W-103.97679
SW 2	N 32.19975	W-103.97707
SW 3	N 32.19962	W-103.97693
SW 4	N 32.19956	W-103.97713

	Sample ID	BS 1@1'	BS 2@1'	BS 3@1'	BS 4@1'	BS 5@1'	BS 6@'	BS 7@1'	BS 8@1'	BS 9@1'	BS 10 @2'	BS 11 @1'	BS 12 @1'	BS 13 @1'	BS 14 @1'	BS 15@1'	BS 16@1'	BS 17@1'	BS 18 @1'
Analyte	Date	4/5/23	4/5/23	4/5/23	4/5/23	4/5/23	4/5/23	4/5/23	4/5/23	4/5/23	4/5/23	4/5/23	4/5/23	4/5/23	4/5/23	4/5/23	4/5/23	4/5/23	4/5/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg									
Benzene		<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Toluene		<0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene		<0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	< 0.300	< 0.300	< 0.300	< 0.300	<0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300
Chloride		224.0	160.0	208.0	160.0	208.0	208.0	224.0	208.0	192.0	160.0	240.0	144.0	144.0	160.0	112.0	128.0	176.0	144.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	11.1	<10.0	<10.0	<10.0	<10.0	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	SW 1	SW 2	SW 3	SW 4
Analyte	Date	4/5/23	4/5/23	4/5/23	4/5/23
		mg/kg	mg/kg	mg/kg	mg/kg
Benzene		< 0.050	< 0.050	< 0.050	< 0.050
Toluene		<0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene		< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150
Total BTEX		< 0.300	< 0.300	< 0.300	< 0.300
Chloride		128.0	144.0	128.0	224.0
GRO		<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0





















April 13, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR CANYON 21 5H (7/13/17)

Enclosed are the results of analyses for samples received by the laboratory on 04/06/23 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

A .. . l. ... . d D. .. 311

Project Location: OXY - NEW MEXICO

### Sample ID: BOTTOM SAMPLE 1 @ 1' (H231656-01)

DTEV 0021D

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.90	94.8	2.00	1.85	
Toluene*	<0.050	0.050	04/13/2023	ND	1.94	96.9	2.00	2.03	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.08	104	2.00	2.51	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.27	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/12/2023	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	188	94.0	200	1.99	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	194	97.2	200	0.957	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: OXY - NEW MEXICO

ma/ka

### Sample ID: BOTTOM SAMPLE 2 @ 1' (H231656-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.90	94.8	2.00	1.85	
Toluene*	<0.050	0.050	04/13/2023	ND	1.94	96.9	2.00	2.03	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.08	104	2.00	2.51	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.27	104	6.00	3.08	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/12/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	188	94.0	200	1.99	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	194	97.2	200	0.957	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					
Surrogate: 1-Chlorooctane	73.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: OXY - NEW MEXICO

ma/ka

### Sample ID: BOTTOM SAMPLE 3 @ 1' (H231656-03)

RTFY 8021R

Result								
	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	04/13/2023	ND	1.90	94.8	2.00	1.85	
<0.050	0.050	04/13/2023	ND	1.94	96.9	2.00	2.03	
<0.050	0.050	04/13/2023	ND	2.08	104	2.00	2.51	
<0.150	0.150	04/13/2023	ND	6.27	104	6.00	3.08	
<0.300	0.300	04/13/2023	ND					
118 9	% 71.5-13	4						
mg/	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
208	16.0	04/12/2023	ND	416	104	400	0.00	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/12/2023	ND	188	94.0	200	1.99	
11.1	10.0	04/12/2023	ND	194	97.2	200	0.957	
<10.0	10.0	04/12/2023	ND					
117 9	% 48.2-13	4						
126 9	% 49.1-14	8						
-	<0.050 <0.050 <0.050 <0.150 <0.300  1189  mg/  Result 208  mg/  Result <10.0  11.1 <10.0	<0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300  118	County   County	<0.050	<0.050	<0.050	<0.050	<0.050

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keine



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 4 @ 1' (H231656-04)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/12/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	188	94.0	200	1.99	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	194	97.2	200	0.957	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					
Surrogate: 1-Chlorooctane	111 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 5 @ 1' (H231656-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/12/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	188	94.0	200	1.99	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	194	97.2	200	0.957	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

mg/kg

### Sample ID: BOTTOM SAMPLE 6 @ 1' (H231656-06)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/12/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	179	89.7	200	13.6	QM-07
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	188	93.8	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					
Surrogate: 1-Chlorooctane	84.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 7 @ 1' (H231656-07)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/12/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	179	89.7	200	13.6	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	188	93.8	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

### Sample ID: BOTTOM SAMPLE 8 @ 1' (H231656-08)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/12/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	179	89.7	200	13.6	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	188	93.8	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					
Surrogate: 1-Chlorooctane	84.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 9 @ 1' (H231656-09)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/12/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	179	89.7	200	13.6	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	188	93.8	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					
Surrogate: 1-Chlorooctane	78.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: OXY - NEW MEXICO

ma/ka

### Sample ID: BOTTOM SAMPLE 10 @ 1' (H231656-10)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/12/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	179	89.7	200	13.6	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	188	93.8	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 11 @ 1' (H231656-11)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/12/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	179	89.7	200	13.6	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	188	93.8	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					
Surrogate: 1-Chlorooctane	82.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.0	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: OXY - NEW MEXICO

ma/ka

### Sample ID: BOTTOM SAMPLE 12 @ 1' (H231656-12)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/12/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2023	ND	179	89.7	200	13.6	
DRO >C10-C28*	<10.0	10.0	04/12/2023	ND	188	93.8	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	04/12/2023	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 13 @ 1' (H231656-13)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/12/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	179	89.7	200	13.6	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	188	93.8	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 14 @ 1' (H231656-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/12/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	179	89.7	200	13.6	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	188	93.8	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	78.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 15 @ 1' (H231656-15)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/12/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	179	89.7	200	13.6	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	188	93.8	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	108 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 16 @ 1' (H231656-16)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/12/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	179	89.7	200	13.6	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	188	93.8	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	77.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.7	% 49.1-14	8						

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Celey D. Keene



Tamara Oldaker

Sample Received By:

### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023 Reported: Soil

04/13/2023 Sampling Type: Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact

Project Number: NONE GIVEN Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 17 @ 1' (H231656-17)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/12/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	179	89.7	200	13.6	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	188	93.8	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	76.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.8	% 49.1-14	8						

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### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: OXY - NEW MEXICO

ma/ka

### Sample ID: BOTTOM SAMPLE 18 @ 1' (H231656-18)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/12/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	179	89.7	200	13.6	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	188	93.8	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	78.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.4	% 49.1-14	8						

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### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: OXY - NEW MEXICO

### Sample ID: SIDEWALL 1 (H231656-19)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.150 <0.300	Reporting Limit  0.050  0.050  0.050  0.150  0.300	Analyzed 04/13/2023 04/13/2023 04/13/2023 04/13/2023	Method Blank  ND  ND  ND	BS 1.95 2.10 2.07	% Recovery 97.7 105	True Value QC 2.00 2.00	RPD 5.88 6.86	Qualifier
<0.050 <0.050 <0.150	0.050 0.050 0.150	04/13/2023	ND	2.10	105			
<0.050 <0.150	0.050 0.150	04/13/2023				2.00	6.86	
<0.150	0.150		ND	2 07				
		04/13/2023		2.07	103	2.00	7.77	
<0.300	0.300	, -,	ND	6.46	108	6.00	7.22	
		04/13/2023	ND					
104	% 71.5-13	4						
mg,	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
128	16.0	04/12/2023	ND	400	100	400	3.92	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/13/2023	ND	179	89.7	200	13.6	
<10.0	10.0	04/13/2023	ND	188	93.8	200	12.2	
<10.0	10.0	04/13/2023	ND					
77.1	% 48.2-13	4						
80.5	% 49.1-14	8						
	Result  128  Result  <10.0  <10.0  <10.0  77.1	<0.300 104 % 71.5-13 mg/ky Result Reporting Limit 128 16.0 mg/ky Result Reporting Limit <10.0 <10.0 <10.0 <10.0 <77.1 % 48.2-13	<0.300       0.300       04/13/2023         104 % 71.5-134         mg/ky       Analyzed         Result Reporting Limit Analyzed         Analyzed         <10.0	<0.300       04/13/2023       ND         104 %       71.5-134         mg/ky       Analyzed       Method Blank         Result       Reporting Limit       Analyzed       Method Blank         <10.0	<0.300       04/13/2023       ND         104 % 71.5-134         mg/ky       Analyzed By: AC         Result Reporting Limit Analyzed By: MS         Result Reporting Limit Analyzed Method Blank BS         <10.0	< 0.300       04/13/2023       ND         104 % 71.5-134         mg/ky       Analyzed By: AC         Result Reporting Limit Analyzed By: MS       % Recovery         Result Reporting Limit Analyzed Method Blank BS % Recovery         <10.0	< 0.300       04/13/2023       ND         104 % 71.5-134         mg/ky       Analyzed By: AC         Result Reporting Limit Analyzed By: MS       % Recovery True Value QC         Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC         <10.0	< 0.300       04/13/2023       ND         104

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Celey & Keene



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: OXY - NEW MEXICO

### Sample ID: SIDEWALL 2 (H231656-20)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/12/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	179	89.7	200	13.6	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	188	93.8	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.1	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: OXY - NEW MEXICO

### Sample ID: SIDEWALL 3 (H231656-21)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/12/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	179	89.7	200	13.6	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	188	93.8	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	76.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/06/2023 Sampling Date: 04/05/2023

Reported: 04/13/2023 Sampling Type: Soil

Project Name: CEDAR CANYON 21 5H (7/13/17) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: SIDEWALL 4 (H231656-22)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2023	ND	1.95	97.7	2.00	5.88	
Toluene*	<0.050	0.050	04/13/2023	ND	2.10	105	2.00	6.86	
Ethylbenzene*	<0.050	0.050	04/13/2023	ND	2.07	103	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/13/2023	ND	6.46	108	6.00	7.22	
Total BTEX	<0.300	0.300	04/13/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/12/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	179	89.7	200	13.6	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	188	93.8	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	78.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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### **Notes and Definitions**

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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State: NM Zip: 88241   Attn:	idress: P.O. E	w						0	omp	any:		Q														
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State: Zip:  ANYON 21 5H (7/13/17)  State: Zip:  Phone #:  Phone #:  Phone #:  N  MATRIX  PRESERV  SAMPLING  Fax #:  N  SAMPLE 1@1'  A B A T N N N N N N N N N N N N N N N N N N	one #: 575-39	97-6388		-397-	0397	-		>	ddre	SS				_	_					_						
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Image for regisprince and with your according without limitation, business interruptions, loss of use, pulpose of profits incurred by client, its subsolutions and or related to the performance of services herefulnes by Cardinal, regardless of whether such claim is based, bloom larger of the above stand reasones or otherwise.    Date:	LEASE NOTE: Liability an	d Damages, Cardinal's liability and	client's exclusive remedy	or any claim	waived u	vhether b	ased in co	ontract o	s tort, sh	hall be li	mited to dinal with	the amount paid hin 30 days after	by the client for completion of the	the e applicab	8											
Date:	ervice in no event shall Co	ardinal be liable for incidental or cor	isequental damages, inclusione of services hereunder	ding without by Cardinal	regardies	s of whe	ther such	ptions, lo claim is	based,d	bon an	of the a	above stated rea		9	4	1	2	Add	I Pho	#						
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: RRC	BBC International Inc		BILL TO	0		ANALYSIS REQUEST
	Cliff Brunson		P.O. #:			
w	305		Company: Oxy		_	
city: Hobbs	State: NM	Zip: 88241	Attn:			
Phone #: 575-397-6388	Fax #:	575-397-0397	Address:			
Project #:	Project Owner: Oxy		City:			
roject Name: CEDAF	Project Name: CEDAR CANYON 21 5H (7/13/17)		State: Zip:	,		
Project Location: Nev	New Mexico		Phone #:	ı	_	
	SIMON		1			
٦		MATRIX	PRESERV. SAI	SAMPLING		
0	Sample I.D.	# CONTAINERS GROUNDWATER WASTEWATER	OTHER: ACID/BASE: ICE / COOL OTHER:	E TIME	BIEX	
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12 BOT	BOTTOM SAMPLE 12@1'	=	4/5/23	3 11:26AM	\ \ \	
-	BOTTOM SAMPLE 13@1'		4/5/23		,	
-	BOTTOM SAMPLE 14@1'		4/5/23		, ,	
	BOTTOM SAMPLE 15@1'		4/5/23		•	
// BOT	BOTTOM SAMPLE 16@1'		4/5/23		,	
15 BOT	BOTTOM SAMPLE 17@1'		4/5/23		, ,	
/8 BOT	BOTTOM SAMPLE 18@1'		4/5/23	3 12:33PM		
EASE NOTE: Liability and Damage all claims including those for	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's auclusive remedy for any client any other ansing whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cases whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cases waistoever shall be deemed waived unless interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	for any claim ainsing whether based in contract or tort, shall be limited to the to deep de waived unless made in writing and received by Cardinal within drip without limitation, business interruptions, loss of use, or loss of profits in	of or fort, shall be limited to the am nd received by Cardinal within 30 o	amount paid by the client for the 30 days after completion of the ap noursed by client, its subsidiaries.	plicable	
Relinquished By:	Time: 7:00 PM	by Cardonal, regardless of whether such claim is to Received By:	emu.	Phone Result: Fax Result: REMARKS:	□ Yes □ No	o Add'l Phone #: o Add'l Fax #:
Relinquished By:	Date: 1-6	Date; 1-6-2 Received By:	The Make	A.		

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476	BILL TO	ANALYSIS REQUEST
	P.O. #:	
	Company: Oxy	
	Attn:	
5-397-6388 F	Address:	
Project #: Project Owner: Oxy	City:	
ame: CEDAR CANYON 21	State: Zip:	
Project Location: New Mexico	Phone #:	
Sample Name: SIMON	Fax#:	
	PRESERV. SAMPLING	X
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	BIEX
GI SIDEWALL 1	1	
SIDEWALL 2	1.021 11	+
5/ SIDEWALL 3	4/5/23 1.14FM	•
h	4/5/23 1:2/PM	
PLEASE NOTE: Liability and Damages. Cardinal's lability and client's exclusive remedy for any cliam arising whether based in contract or for, sure or aminor were competent of the applicable analyses. All claims including those for negligence and any other classe whatsoever state over the above the above the property of the claims. It is subsidiaries.	ontaga; or tort, snier or emining we are account of the applicabing and received by Cardinal within 30 days after completion of the applicabisons; loss of use, or loss of profits incurred by crient, its subsidiantes.	de .
service. In no event shall Cardinal be liable for incidental of consequental partiages, anatomy more cardinal, affiliates or successors arising but of or related to the performance of services horeunder by Cardinal, regardless of whether such o	claim is based upop any of the above stated reasons or otherwise	☐ Yes ☐ No
0 0 1/1	Phone Result: Fax Result: Fax Result: Remarks: (Initials)	□ Yes □ No Add'l Phone #: □ Yes □ No Add'l Fax #:

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 245486

### **CONDITIONS**

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	245486
	Action Type:
	[C-141] Release Corrective Action (C-141)

### CONDITIONS

Created By		Condition Date
jharimon	None	8/8/2023