

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	NRM2015531569
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.

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
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 3-24-22
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: Robert Hamlet Date: 4/28/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Robert Hamlet Date: 4/28/2022
Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

Closure Report**NRM2015533864****NRM2015533864****NRM2015531569****Site Description**

Site Name:	CEDAR CANYON 28 FED 2 CTB
Company:	OXY
Legal Description:	U/L: B, SECTION 28, T24S, R29E
County:	EDDY COUNTY, NM
GPS Coordinates:	N32.1948, W-103.9876

Release Data

Date of Release:	5/4/20 & 5/5/20
Type of Release:	PRODUCED WATER
Source of Release:	OLD WATER LINE
Volume of Release:	0 BBLS CRUDE OIL/ 145 BBLS PRODUCED WATER
Volume Recovered:	0 BBLS CRUDE OIL/ 140 BBLS PRODUCED WATER

Remediation Specifications

Remediation Parameters	Oxy will excavate the spill area as depicted on the following site diagram. The leak area near SP1, SP2, SP5 (YELLOW) will be excavated to a depth of 3feet. The leak area near SP3 and SP4 (BLUE) will be excavated to a depth of 1foot. Sidewall and bottom confirmation samples every 200 sq feet. Estimated amount of soil to be excavated is 332 cubic yards.
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Remediation Activities:	12/6/21 - 12/14/21, 12/28/21 - 12/29/21
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Plan Sent to OCD:	5/27/2021	FROM CLIFF TO BLM NM AND WADE
OCD Approval of Plan:		FROM @STATE.NM.US TO WADE AND CLIFF
Plan Sent to BLM:	5/27/2021	FROM CLIFF TO SPILL@BLM AND WADE
BLM Approval of Plan:		

Supporting Documentation

C 141 PAGE 6	SIGNED	
SITE DIAGRAM	GOOGLE EARTH MAP WITH CONFIRMATION SAMPLES	
PICTURES	CLOSURE PICTURES	
LAB SUMMARY	CLOSURE SAMPLES	
LAB ANALYSIS	CLOSURE SAMPLES	
SAMPLING NOTIFICATION	12/9/2021	

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

3/28/2022

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Oil Conservation Division

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Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 3-24-22
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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Oil Conservation Division

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Closure

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Printed Name: Wade Dittrich Title: Environmental Coordinator

Signature:  Date: 3-24-22

email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

From: [Cliff Brunson](#)
To: ["Enviro. OCD, EMNRD"](#)
Cc: ["Wade Dittrich"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); ["Julia French"](#)
Subject: OXY - Cedar Canyon 28 Fed 2 CTB - Sampling Notification
Date: Thursday, December 9, 2021 7:13:57 PM
Attachments: [image001.jpg](#)

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Cedar Canyon 28 Fed 2 CTB (Incident ID # nRM2015533864 & nRM2015531569) on Tuesday, December 14 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: cbrunson@bbcinternational.com



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CEDAR CANYON 28 FED #2 CTB

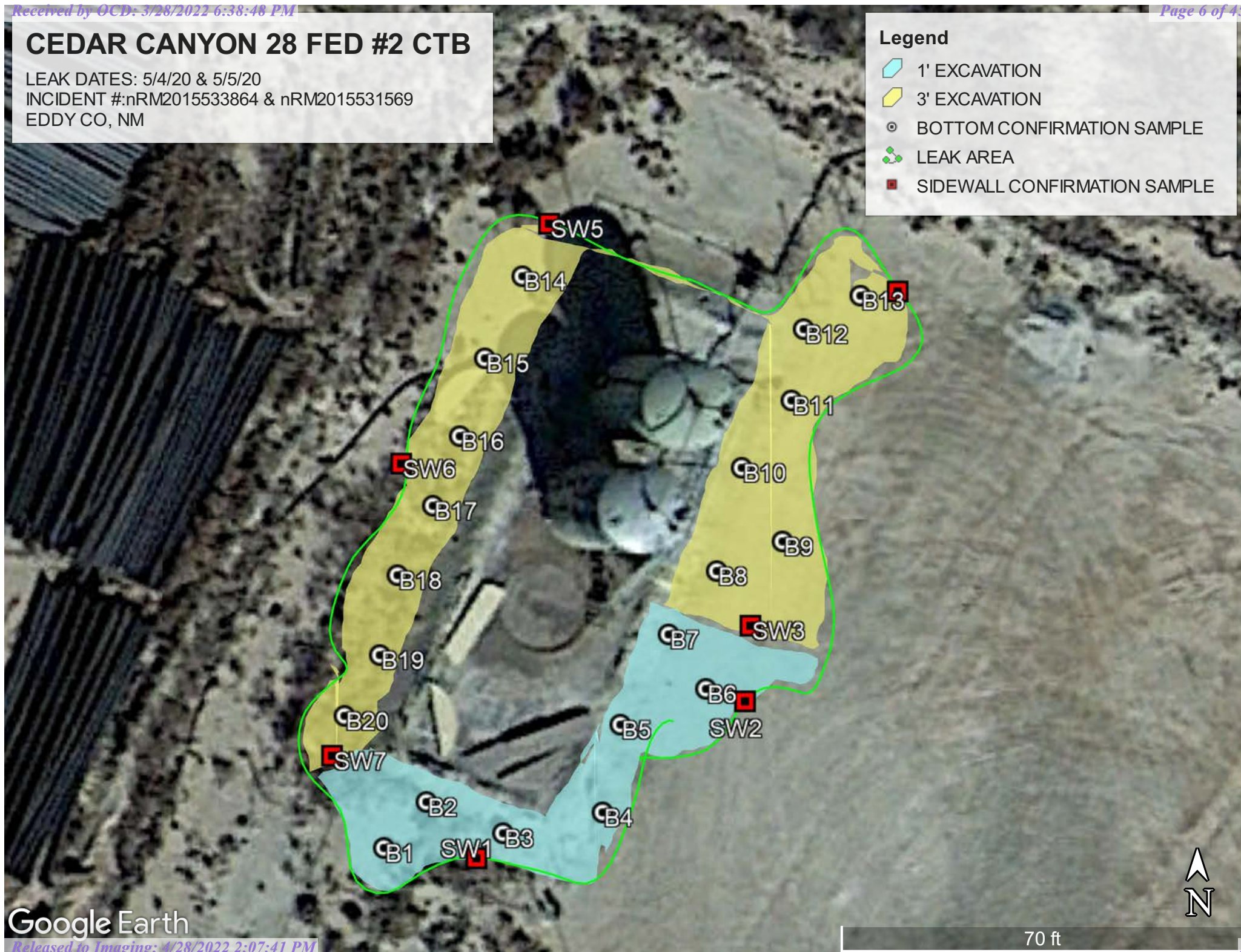
LEAK DATES: 5/4/20 & 5/5/20

INCIDENT #: nRM2015533864 & nRM2015531569

EDDY CO, NM

Legend

- 1' EXCAVATION
- 3' EXCAVATION
- BOTTOM CONFIRMATION SAMPLE
- LEAK AREA
- SIDEWALL CONFIRMATION SAMPLE



Google Earth

CEDAR CANYON 28 FED #2 CTB

LAKE DATES:5/4/20 & 5/5/20

CONFIRMATION SAMPLE DATE:12/14/21

BOTTOM 1 @ 1'	32.194592°	-103.987873°
BOTTOM 2 @ 1'	32.194614°	-103.987849°
BOTTOM 3 @ 1'	32.194599°	-103.987806°
BOTTOM 4 @ 1'	32.194609°	-103.987750°
BOTTOM 5 @ 1'	32.194651°	-103.987740°
BOTTOM 6 @ 1'	32.194668°	-103.987692°
BOTTOM 7 @ 1'	32.194694°	-103.987713°
BOTTOM 8 @ 3'	32.194724°	-103.987686°
BOTTOM 9 @ 3'	32.194738°	-103.987649°
BOTTOM 10 @ 3'	32.194773°	-103.987672°
BOTTOM 11 @ 3'	32.194805°	-103.987644°
BOTTOM 12 @ 3'	32.194839°	-103.987637°
BOTTOM 13 @ 3'	32.194855°	-103.987605°
BOTTOM 14 @ 3'	32.194864°	-103.987795°
BOTTOM 15 @ 3'	32.194825°	-103.987816°
BOTTOM 16 @ 3'	32.194788°	-103.987830°
BOTTOM 17 @ 3'	32.194755°	-103.987845°
BOTTOM 18 @ 3'	32.194722°	-103.987865°
BOTTOM 19 @ 3'	32.194684°	-103.987875°
BOTTOM 20 @ 3'	32.194655°	-103.987895°
SIDEWALL 1	32.194587°	-103.987821°
SIDEWALL 2	32.194662°	-103.987670°
SIDEWALL 3	32.194698°	-103.987667°
SIDEWALL 4	32.194857°	-103.987584°
SIDEWALL 5	32.194889°	-103.987780°
SIDEWALL 6	32.194775°	-103.987863°
SIDEWALL 7	32.194636°	-103.987902°

		Sample ID	BOTTOM 1 @ 1'	BOTTOM 2 @ 1'	BOTTOM 3 @ 1'	BOTTOM 4 @ 1'	BOTTOM 5 @ 1'	BOTTOM 6 @ 1'	BOTTOM 7 @ 1'
Analyte	Method	Date	12/14/21	12/14/21	12/14/21	12/14/21	12/14/21	12/14/21	12/14/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	<16.0	<16.0	<16.0	<16.0	16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	BOTTOM 8 @ 3'	BOTTOM 9 @ 3'	BOTTOM 10 @ 3'	BOTTOM 11 @ 3'	BOTTOM 12 @ 3'	BOTTOM 13 @ 3'	BOTTOM 14 @ 3'	BOTTOM 15 @ 3'	BOTTOM 16 @ 3'	BOTTOM 17 @ 3'	BOTTOM 18 @ 3'	BOTTOM 19 @ 3'	BOTTOM 20 @ 3'
Analyte	Method	Date	12/14/21	12/14/21	12/14/21	12/14/21	12/14/21	12/14/21	12/14/21	12/14/21	12/14/21	12/14/21	12/14/21	12/14/21	12/14/21
			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
Benzene	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	SM4500Cl-B		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		<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	TPH 8015M		<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
EXT DRO	TPH 8015M		<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	SIDEWALL 1	SIDEWALL 2	SIDEWALL 3	SIDEWALL 4	SIDEWALL 5	SIDEWALL 6	SIDEWALL 7
Analyte	Method	Date	12/14/21	12/14/21	12/14/21	12/14/21	12/14/21	12/14/21	12/14/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0



CEDAR CANYON 28 FED 2 CTB
5/4/20 & 5/5/20





CEDAR CANYON 28 FED 2 CTB
5/4/20 & 5/5/20



CEDAR CANYON 28 FED 2 CTB
5/4/20 & 5/5/20



CEDAR CANYON 28 FED 2 CTB
5/4/20 & 5/5/20





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

December 20, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR CANYON 28 FED #2 CTB

Enclosed are the results of analyses for samples received by the laboratory on 12/15/21 11:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 1 @ 1' (H213611-01)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2021	ND	2.11	105	2.00	2.62		
Toluene*	<0.050	0.050	12/17/2021	ND	2.02	101	2.00	3.28		
Ethylbenzene*	<0.050	0.050	12/17/2021	ND	1.98	99.2	2.00	2.98		
Total Xylenes*	<0.150	0.150	12/17/2021	ND	6.02	100	6.00	3.38		
Total BTEX	<0.300	0.300	12/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	14.8	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 97.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.2 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 2 @ 1' (H213611-02)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2021	ND	2.11	105	2.00	2.62		
Toluene*	<0.050	0.050	12/17/2021	ND	2.02	101	2.00	3.28		
Ethylbenzene*	<0.050	0.050	12/17/2021	ND	1.98	99.2	2.00	2.98		
Total Xylenes*	<0.150	0.150	12/17/2021	ND	6.02	100	6.00	3.38		
Total BTEx	<0.300	0.300	12/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 71.6 % 62-130

Surrogate: 1-Chlorooctadecane 66.3 % 54.5-135

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 3 @ 1' (H213611-03)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2021	ND	2.11	105	2.00	2.62		
Toluene*	<0.050	0.050	12/17/2021	ND	2.02	101	2.00	3.28		
Ethylbenzene*	<0.050	0.050	12/17/2021	ND	1.98	99.2	2.00	2.98		
Total Xylenes*	<0.150	0.150	12/17/2021	ND	6.02	100	6.00	3.38		
Total BTEX	<0.300	0.300	12/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 70.9 % 62-130

Surrogate: 1-Chlorooctadecane 63.9 % 54.5-135

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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:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 4 @ 1' (H213611-04)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2021	ND	2.11	105	2.00	2.62		
Toluene*	<0.050	0.050	12/17/2021	ND	2.02	101	2.00	3.28		
Ethylbenzene*	<0.050	0.050	12/17/2021	ND	1.98	99.2	2.00	2.98		
Total Xylenes*	<0.150	0.150	12/17/2021	ND	6.02	100	6.00	3.38		
Total BTEx	<0.300	0.300	12/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 65.3 % 62-130

Surrogate: 1-Chlorooctadecane 60.4 % 54.5-135

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Analytical Results For:

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

Received:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 5 @ 1' (H213611-05)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2021	ND	2.11	105	2.00	2.62		
Toluene*	<0.050	0.050	12/17/2021	ND	2.02	101	2.00	3.28		
Ethylbenzene*	<0.050	0.050	12/17/2021	ND	1.98	99.2	2.00	2.98		
Total Xylenes*	<0.150	0.150	12/17/2021	ND	6.02	100	6.00	3.38		
Total BTEx	<0.300	0.300	12/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 63.2 % 62-130

Surrogate: 1-Chlorooctadecane 56.1 % 54.5-135

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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 6 @ 1' (H213611-06)

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	12/17/2021	ND	2.11	105	2.00	2.62	
Toluene*	<0.050	0.050	12/17/2021	ND	2.02	101	2.00	3.28	
Ethylbenzene*	<0.050	0.050	12/17/2021	ND	1.98	99.2	2.00	2.98	
Total Xylenes*	<0.150	0.150	12/17/2021	ND	6.02	100	6.00	3.38	
Total BTEx	<0.300	0.300	12/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 68.5 % 62-130

Surrogate: 1-Chlorooctadecane 61.4 % 54.5-135

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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 7 @ 1' (H213611-07)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2021	ND	2.11	105	2.00	2.62		
Toluene*	<0.050	0.050	12/17/2021	ND	2.02	101	2.00	3.28		
Ethylbenzene*	<0.050	0.050	12/17/2021	ND	1.98	99.2	2.00	2.98		
Total Xylenes*	<0.150	0.150	12/17/2021	ND	6.02	100	6.00	3.38		
Total BTEx	<0.300	0.300	12/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 70.6 % 62-130

Surrogate: 1-Chlorooctadecane 63.7 % 54.5-135

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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:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 8 @ 3' (H213611-08)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2021	ND	2.11	105	2.00	1.12	
Toluene*	<0.050	0.050	12/17/2021	ND	2.00	99.8	2.00	1.05	
Ethylbenzene*	<0.050	0.050	12/17/2021	ND	2.00	100	2.00	1.29	
Total Xylenes*	<0.150	0.150	12/17/2021	ND	6.21	103	6.00	1.49	
Total BTX	<0.300	0.300	12/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 69.1 % 62-130

Surrogate: 1-Chlorooctadecane 62.8 % 54.5-135

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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:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 9 @ 3' (H213611-09)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2021	ND	2.11	105	2.00	1.12		
Toluene*	<0.050	0.050	12/17/2021	ND	2.00	99.8	2.00	1.05		
Ethylbenzene*	<0.050	0.050	12/17/2021	ND	2.00	100	2.00	1.29		
Total Xylenes*	<0.150	0.150	12/17/2021	ND	6.21	103	6.00	1.49		
Total BTEX	<0.300	0.300	12/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 71.2 % 62-130

Surrogate: 1-Chlorooctadecane 62.6 % 54.5-135

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Analytical Results For:

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

Received:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 10 @ 3' (H213611-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/16/2021	ND	2.02	101	2.00	2.33		
Toluene*	<0.050	0.050	12/16/2021	ND	2.13	107	2.00	5.76		
Ethylbenzene*	<0.050	0.050	12/16/2021	ND	2.18	109	2.00	6.71		
Total Xylenes*	<0.150	0.150	12/16/2021	ND	7.12	119	6.00	6.52		
Total BTEx	<0.300	0.300	12/16/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 69.5 % 62-130

Surrogate: 1-Chlorooctadecane 63.5 % 54.5-135

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 11 @ 3' (H213611-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/16/2021	ND	2.02	101	2.00	2.33		
Toluene*	<0.050	0.050	12/16/2021	ND	2.13	107	2.00	5.76		
Ethylbenzene*	<0.050	0.050	12/16/2021	ND	2.18	109	2.00	6.71		
Total Xylenes*	<0.150	0.150	12/16/2021	ND	7.12	119	6.00	6.52		
Total BTEx	<0.300	0.300	12/16/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 67.4 % 62-130

Surrogate: 1-Chlorooctadecane 62.6 % 54.5-135

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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:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 12 @ 3' (H213611-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/16/2021	ND	2.02	101	2.00	2.33		
Toluene*	<0.050	0.050	12/16/2021	ND	2.13	107	2.00	5.76		
Ethylbenzene*	<0.050	0.050	12/16/2021	ND	2.18	109	2.00	6.71		
Total Xylenes*	<0.150	0.150	12/16/2021	ND	7.12	119	6.00	6.52		
Total BTEx	<0.300	0.300	12/16/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 68.2 % 62-130

Surrogate: 1-Chlorooctadecane 63.3 % 54.5-135

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Analytical Results For:

BBC International, Inc.
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 13 @ 3' (H213611-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/16/2021	ND	2.02	101	2.00	2.33		
Toluene*	<0.050	0.050	12/16/2021	ND	2.13	107	2.00	5.76		
Ethylbenzene*	<0.050	0.050	12/16/2021	ND	2.18	109	2.00	6.71		
Total Xylenes*	<0.150	0.150	12/16/2021	ND	7.12	119	6.00	6.52		
Total BTEx	<0.300	0.300	12/16/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 70.8 % 62-130

Surrogate: 1-Chlorooctadecane 63.8 % 54.5-135

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Analytical Results For:

BBC International, Inc.
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 Fax To: (575) 397-0397

Received:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 14 @ 3' (H213611-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/17/2021	ND	2.02	101	2.00	2.33		
Toluene*	<0.050	0.050	12/17/2021	ND	2.13	107	2.00	5.76		
Ethylbenzene*	<0.050	0.050	12/17/2021	ND	2.18	109	2.00	6.71		
Total Xylenes*	<0.150	0.150	12/17/2021	ND	7.12	119	6.00	6.52		
Total BTEx	<0.300	0.300	12/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 74.5 % 62-130

Surrogate: 1-Chlorooctadecane 67.4 % 54.5-135

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Analytical Results For:

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Received:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 15 @ 3' (H213611-15)

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	12/17/2021	ND	2.11	105	2.00	1.12		
Toluene*	<0.050	0.050	12/17/2021	ND	2.00	99.8	2.00	1.05		
Ethylbenzene*	<0.050	0.050	12/17/2021	ND	2.00	100	2.00	1.29		
Total Xylenes*	<0.150	0.150	12/17/2021	ND	6.21	103	6.00	1.49		
Total BTX	<0.300	0.300	12/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	2.74		
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND						

Surrogate: 1-Chlorooctane 67.3 % 62-130

Surrogate: 1-Chlorooctadecane 62.7 % 54.5-135

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Analytical Results For:

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 16 @ 3' (H213611-16)

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	12/17/2021	ND	2.11	105	2.00	1.12		
Toluene*	<0.050	0.050	12/17/2021	ND	2.00	99.8	2.00	1.05		
Ethylbenzene*	<0.050	0.050	12/17/2021	ND	2.00	100	2.00	1.29		
Total Xylenes*	<0.150	0.150	12/17/2021	ND	6.21	103	6.00	1.49		
Total BTEx	<0.300	0.300	12/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 69.1 % 62-130

Surrogate: 1-Chlorooctadecane 63.6 % 54.5-135

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Analytical Results For:

BBC International, Inc.
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 17 @ 3' (H213611-17)

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	12/17/2021	ND	2.11	105	2.00	1.12	
Toluene*	<0.050	0.050	12/17/2021	ND	2.00	99.8	2.00	1.05	
Ethylbenzene*	<0.050	0.050	12/17/2021	ND	2.00	100	2.00	1.29	
Total Xylenes*	<0.150	0.150	12/17/2021	ND	6.21	103	6.00	1.49	
Total BTEx	<0.300	0.300	12/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	2.74	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 74.4 % 62-130

Surrogate: 1-Chlorooctadecane 67.1 % 54.5-135

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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:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 18 @ 3' (H213611-18)

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	12/17/2021	ND	2.11	105	2.00	1.12	
Toluene*	<0.050	0.050	12/17/2021	ND	2.00	99.8	2.00	1.05	
Ethylbenzene*	<0.050	0.050	12/17/2021	ND	2.00	100	2.00	1.29	
Total Xylenes*	<0.150	0.150	12/17/2021	ND	6.21	103	6.00	1.49	
Total BTEx	<0.300	0.300	12/17/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	14.8	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 86.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.0 % 38.9-142

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Analytical Results For:

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 19 @ 3' (H213611-19)

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	12/17/2021	ND	2.11	105	2.00	1.12		
Toluene*	<0.050	0.050	12/17/2021	ND	2.00	99.8	2.00	1.05		
Ethylbenzene*	<0.050	0.050	12/17/2021	ND	2.00	100	2.00	1.29		
Total Xylenes*	<0.150	0.150	12/17/2021	ND	6.21	103	6.00	1.49		
Total BTEx	<0.300	0.300	12/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	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	12/16/2021	ND	221	110	200	14.8	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	208	104	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 89.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 20 @ 3' (H213611-20)

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	12/17/2021	ND	2.11	105	2.00	1.12		
Toluene*	<0.050	0.050	12/17/2021	ND	2.00	99.8	2.00	1.05		
Ethylbenzene*	<0.050	0.050	12/17/2021	ND	2.00	100	2.00	1.29		
Total Xylenes*	<0.150	0.150	12/17/2021	ND	6.21	103	6.00	1.49		
Total BTEx	<0.300	0.300	12/17/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2021	ND	199	99.6	200	0.524	
DRO >C10-C28*	<10.0	10.0	12/17/2021	ND	190	95.0	200	4.37	
EXT DRO >C28-C36	<10.0	10.0	12/17/2021	ND					

Surrogate: 1-Chlorooctane 79.4 % 62-130

Surrogate: 1-Chlorooctadecane 79.0 % 54.5-135

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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:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 1 (H213611-21)

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	12/16/2021	ND	2.12	106	2.00	0.385		
Toluene*	<0.050	0.050	12/16/2021	ND	2.06	103	2.00	0.900		
Ethylbenzene*	<0.050	0.050	12/16/2021	ND	2.01	100	2.00	0.120		
Total Xylenes*	<0.150	0.150	12/16/2021	ND	6.07	101	6.00	1.20		
Total BTEx	<0.300	0.300	12/16/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2021	ND	199	99.6	200	0.524	
DRO >C10-C28*	<10.0	10.0	12/17/2021	ND	190	95.0	200	4.37	
EXT DRO >C28-C36	<10.0	10.0	12/17/2021	ND					

Surrogate: 1-Chlorooctane 88.4 % 62-130

Surrogate: 1-Chlorooctadecane 88.6 % 54.5-135

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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:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 2 (H213611-22)

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	12/16/2021	ND	2.12	106	2.00	0.385	
Toluene*	<0.050	0.050	12/16/2021	ND	2.06	103	2.00	0.900	
Ethylbenzene*	<0.050	0.050	12/16/2021	ND	2.01	100	2.00	0.120	
Total Xylenes*	<0.150	0.150	12/16/2021	ND	6.07	101	6.00	1.20	
Total BTX	<0.300	0.300	12/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2021	ND	199	99.6	200	0.524	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	190	95.0	200	4.37	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 62.8 % 62-130

Surrogate: 1-Chlorooctadecane 61.2 % 54.5-135

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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:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 3 (H213611-23)

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	12/16/2021	ND	2.12	106	2.00	0.385		
Toluene*	<0.050	0.050	12/16/2021	ND	2.06	103	2.00	0.900		
Ethylbenzene*	<0.050	0.050	12/16/2021	ND	2.01	100	2.00	0.120		
Total Xylenes*	<0.150	0.150	12/16/2021	ND	6.07	101	6.00	1.20		
Total BTEx	<0.300	0.300	12/16/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2021	ND	199	99.6	200	0.524	
DRO >C10-C28*	<10.0	10.0	12/17/2021	ND	190	95.0	200	4.37	
EXT DRO >C28-C36	<10.0	10.0	12/17/2021	ND					

Surrogate: 1-Chlorooctane 93.9 % 62-130

Surrogate: 1-Chlorooctadecane 92.2 % 54.5-135

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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:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 4 (H213611-24)

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	12/16/2021	ND	2.12	106	2.00	0.385		
Toluene*	<0.050	0.050	12/16/2021	ND	2.06	103	2.00	0.900		
Ethylbenzene*	<0.050	0.050	12/16/2021	ND	2.01	100	2.00	0.120		
Total Xylenes*	<0.150	0.150	12/16/2021	ND	6.07	101	6.00	1.20		
Total BTEx	<0.300	0.300	12/16/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2021	ND	199	99.6	200	0.524	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	190	95.0	200	4.37	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 66.6 % 62-130

Surrogate: 1-Chlorooctadecane 65.0 % 54.5-135

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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:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 5 (H213611-25)

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	12/16/2021	ND	2.12	106	2.00	0.385		
Toluene*	<0.050	0.050	12/16/2021	ND	2.06	103	2.00	0.900		
Ethylbenzene*	<0.050	0.050	12/16/2021	ND	2.01	100	2.00	0.120		
Total Xylenes*	<0.150	0.150	12/16/2021	ND	6.07	101	6.00	1.20		
Total BTEx	<0.300	0.300	12/16/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2021	ND	199	99.6	200	0.524	
DRO >C10-C28*	<10.0	10.0	12/17/2021	ND	190	95.0	200	4.37	
EXT DRO >C28-C36	<10.0	10.0	12/17/2021	ND					

Surrogate: 1-Chlorooctane 75.1 % 62-130

Surrogate: 1-Chlorooctadecane 71.8 % 54.5-135

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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:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 6 (H213611-26)

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	12/16/2021	ND	2.12	106	2.00	0.385		
Toluene*	<0.050	0.050	12/16/2021	ND	2.06	103	2.00	0.900		
Ethylbenzene*	<0.050	0.050	12/16/2021	ND	2.01	100	2.00	0.120		
Total Xylenes*	<0.150	0.150	12/16/2021	ND	6.07	101	6.00	1.20		
Total BTEx	<0.300	0.300	12/16/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/16/2021	ND	199	99.6	200	0.524	
DRO >C10-C28*	<10.0	10.0	12/16/2021	ND	190	95.0	200	4.37	
EXT DRO >C28-C36	<10.0	10.0	12/16/2021	ND					

Surrogate: 1-Chlorooctane 67.1 % 62-130

Surrogate: 1-Chlorooctadecane 65.7 % 54.5-135

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Celey D. Keene, Lab Director/Quality Manager



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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:	12/15/2021	Sampling Date:	12/14/2021
Reported:	12/20/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 28 FED #2 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 7 (H213611-27)

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	12/16/2021	ND	2.12	106	2.00	0.385	
Toluene*	<0.050	0.050	12/16/2021	ND	2.06	103	2.00	0.900	
Ethylbenzene*	<0.050	0.050	12/16/2021	ND	2.01	100	2.00	0.120	
Total Xylenes*	<0.150	0.150	12/16/2021	ND	6.07	101	6.00	1.20	
Total BTX	<0.300	0.300	12/16/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/16/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/17/2021	ND	199	99.6	200	0.524	
DRO >C10-C28*	<10.0	10.0	12/17/2021	ND	190	95.0	200	4.37	
EXT DRO >C28-C36	<10.0	10.0	12/17/2021	ND					

Surrogate: 1-Chlorooctane 72.2 % 62-130

Surrogate: 1-Chlorooctadecane 70.3 % 54.5-135

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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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*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a light blue horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST							
Project Manager: Cliff Brunson		P.O. #:									
Address: P.O. Box 805		Company: Oxy									
City: Hobbs		Attn:									
Phone #: 575-397-6388		Address:									
State: NM Zip: 88241		City:									
Fax #: 575-397-0397		State:									
Project #:		Project Owner: Oxy									
Project Name: Cedar Canyon 28 Fed # 2		City:									
Project Location:		State:									
Sample Name: Ropy 1b mander		Phone #:									
FOR LAB USE ONLY		Fax #:									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	TPH	BTEX	CL-
1	Bottom 1	Q 1'	CL 1				12.14.21	910			
2	Bottom 2	Q 1'	CL 1				12.14.21	910			
3	Bottom 3	Q 1'	CL 1				12.14.21	930			
4	Bottom 4	Q 1'	CL 1				12.14.21	940			
5	Bottom 5	Q 1'	CL 1				12.14.21	1000			
6	Bottom 6	Q 1'	CL 1				12.14.21	1010			
7	Bottom 7	Q 1'	CL 1				12.14.21	1010			
8	Bottom 8	Q 3'	CL 1				12.14.21	1010			
9	Bottom 9	Q 3'	CL 1				12.14.21	1030			
10	Bottom 10	Q 3'	CL 1				12.14.21	1040			
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Relinquished By:		Date: 12.14.21	Received By:		Phone Result: ☐ Yes ☐ No Add'l Phone #:						
Relinquished By:		Time: 11:50	Received By:		Fax Result: ☐ Yes ☐ No Add'l Fax #:						
Delivered By: (Circle One) 5.16.21 C.O.S.C.		Sample Condition: ☒ Cool ☐ Intact		CHECKED BY: (Initials)							
Sampler: UPS - Bus - Other: 5.16.21 #113		☐ Yes ☐ No		☐ Yes ☐ No							

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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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

District IV

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 93731

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 93731
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NRM2015531569 CEDAR CANYON 28 FED 2 CTB, thank you. This closure is approved.	4/28/2022