

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

Incident ID	NRM2018236487
District RP	
Facility ID	
Application ID	

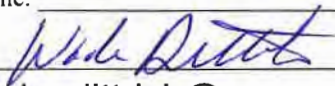
Closure

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 OCD 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: 5/3/2022

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: 5/3/2022
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

Closure Report

nRM2018236487

nRM2015534932

Site Description

Site Name:	CEDAR CANYON 22 CTB & CEDAR CANYON CTB LACT #2
Company:	OXY
Legal Description:	U/L: L, SECTION 22, T24S, R29E
County:	EDDY COUNTY, NM
GPS Coordinates:	N32.19959 W-103.97819

Release Data

Date of Release:	4/19/20 & 6/10/20
Type of Release:	CRUDE OIL
Source of Release:	NIPPLE BROKE
Volume of Release:	6 BBLS CRUDE OIL(4-19-20) & 15 BBLS CRUDE OIL (6/10/20)/ 0 BBLS PRODUCED WATER
Volume Recovered:	0 BBLS CRUDE OIL/ 0 BBLS PRODUCED WATER

Remediation Specifications

Remediation Parameters	OXY excavated the spill area as depicted on the following site diagram. The leak area (BLUE shade on diagram) was excavated to a depth of 2 feet. The leak area (PINK shade on diagram) will be excavated to a depth of 3 feet. Bottom confirmation samples were collected every 200 square feet.
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Remediation Activities:	8/5/21 - 8/20/21
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Plan Sent to OCD:		FROM CLIFF TO BLM NM AND WADE
OCD Approval of Plan:	11/5/2020	FROM @STATE.NM.US TO WADE AND CLIFF
Plan Sent to BLM:	7/28/2020	FROM CLIFF TO SPILL@BLM AND WADE
BLM Approval of Plan:		FROM JAMOS@BLM.GOV TO WADE AND CLIFF

Supporting Documentation

C 141 PAGE 6	3/24/2022	
SITE DIAGRAM	GOOGLE EARTH MAP WITH CONFIRMATION SAMPLES	
PICTURES	CLOSURE PICTURES	
LAB SUMMARY	CLOSURE SAMPLES	
LAB ANALYSIS	CLOSURE SAMPLES	
Sample Notification	8/12/2021	

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.

3/30/2022

From: [Cliff Brunson](#)
To: ["Enviro. OCD, EMNRD"](#)
Cc: ["Wade Ditttrich"](#); [Ken Swinney](#); ["Jennifer Gilkey"](#); [Julia French](#)
Subject: OXY - Cedar Canyon 22 CTB - Sampling Notification
Date: Thursday, August 12, 2021 5:46:00 PM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Cedar Canyon 22 CTB (Incident ID # nRM2018236487) on Tuesday, August 17 at 9:30 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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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: _____

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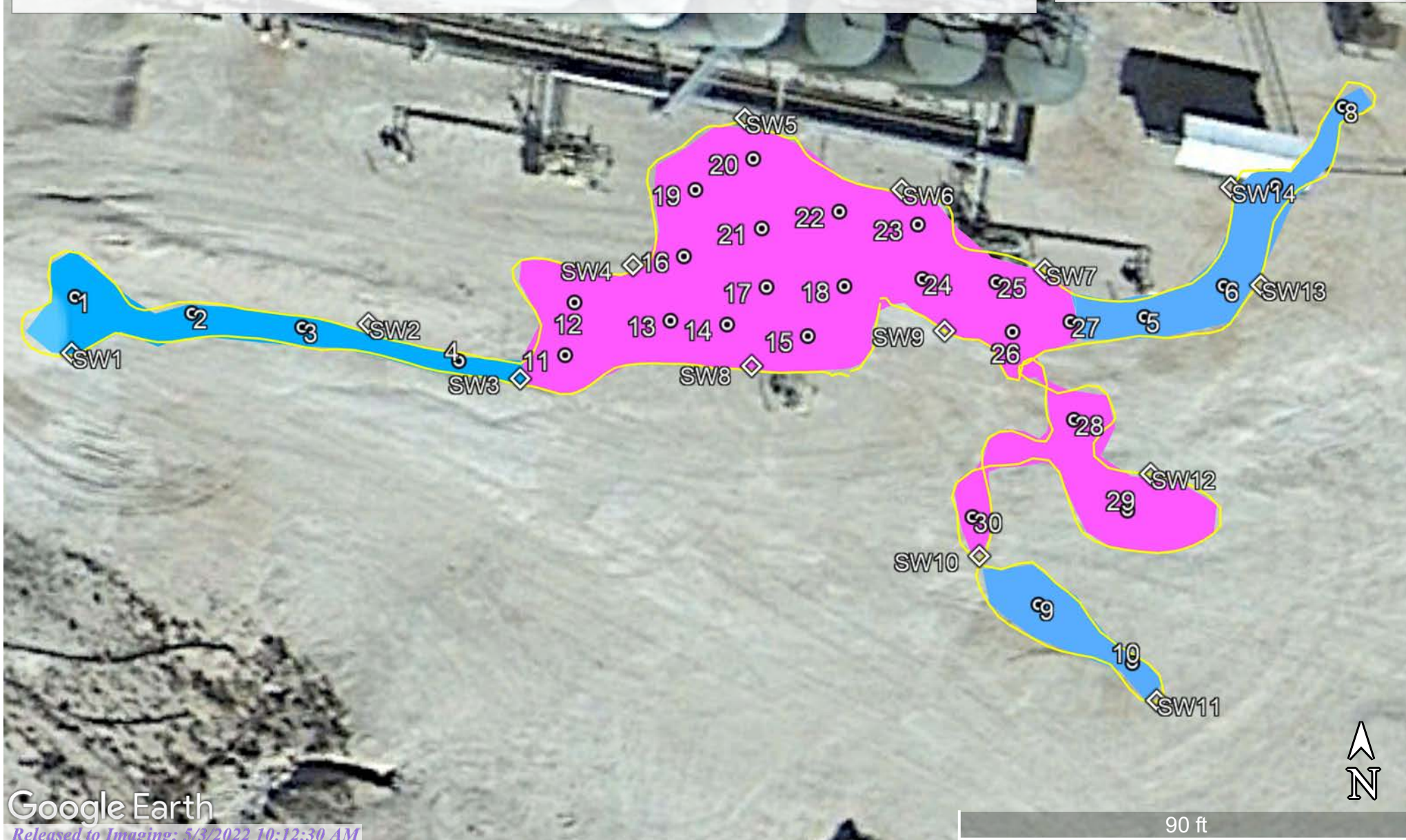
Oxy Cedar Canyon 22 CTB & Oxy, Cedar Canyon 22 CTB Lact 2

Leak Date: 4-19-20
ID #: nRM2015534932
Eddy Co., NM

Leak Date: 6-10-20
ID #: nRM2018236487
Eddy Co., NM

Legend

-  2 ft excavation
-  3ft excavation
-  Bottom Confirmation Sample
-  Leak Area
-  Sidewall Confirmation Sample



CEDAR CANYON 22 CTB LACT 2 (4-19-20 & 6-10-20)

SIDEWALL 1	N32.199603	W-103.978170
SIDEWALL 2	N32.199619	W-103.977978
SIDEWALL 3	N32.199589	W-103.977881
SIDEWALL 4	N32.199651	W-103.977808
SIDEWALL 5	N32.199730	W-103.977737
SIDEWALL 6	N32.199691	W-103.977637
SIDEWALL 7	N32.199648	W-103.977545
SIDEWALL 8	N32.199596	W-103.977733
SIDEWALL 9	N32.199615	W-103.977609
SIDEWALL 10	N32.199493	W-103.977587
SIDEWALL 11	N32.199415	W-103.977473
SIDEWALL 12	N32.199537	W-103.977477
SIDEWALL 13	N32.199640	W-103.977408
SIDEWALL 14	N32.199693	W-103.977427
BS1@2'	N32.199634	W-103.978166
BS2@2'	N32.199625	W-103.978091
BS3@2'	N32.199618	W-103.978020
BS4@2'	N32.199599	W-103.977920
BS5@2'	N32.199623	W-103.977481
BS6@2'	N32.199640	W-103.977431
BS7@2'	N32.199694	W-103.977398
BS8@2'	N32.199737	W-103.977355
BS9@2'	N32.199467	W-103.977548
BS10@2'	N32.199435	W-103.977488
BS11@3'	N32.199602	W-103.977852
BS12@3'	N32.199631	W-103.977846
BS13@3'	N32.199621	W-103.977784
BS14@3'	N32.199619	W-103.977748
BS15@3'	N32.199613	W-103.977696

CEDAR CANYON 22 CTB LACT 2 (4-19-20 & 6-10-20)

BS16@3'	N32.199656	W-103.977776
BS17@3'	N32.199639	W-103.977723
BS18@3'	N32.199640	W-103.977673
BS19@3'	N32.199692	W-103.977768
BS20@3'	N32.199709	W-103.977731
BS21@3'	N32.199671	W-103.977726
BS22@3'	N32.199680	W-103.977676
BS23@3'	N32.199673	W-103.977626
BS24@3'	N32.199644	W-103.977623
BS25@3'	N32.199642	W-103.977576
BS26@3'	N32.199615	W-103.977565
BS27@3'	N32.199621	W-103.977529
BS28@3'	N32.199567	W-103.977526
BS29@3'	N32.199518	W-103.977491
BS30@3'	N32.199515	W-103.977591

Laboratory Analytical Results Summary
CEDAR CANYON 22 CTB LACT 2
4-19-20 6-10-20

		Sample ID	BS 1 @ 2'	BS 2 @ 2'	BS 3 @ 2'	BS 4 @ 2'	BS 5 @ 2'	BS 6 @ 2'	BS 7 @ 2'	BS 8 @ 2'	BS 9 @ 2'	BS 10 @ 2'
Analyte	Method	Date	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21
			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
Toluene	BTEX 8021B		<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
Total Xylenes	BTEX 8021B		<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
Chloride	SM4500Cl-B		<16.0	32.0	<16.0	32.0	32.0	32.0	<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
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	10.6	<10.0	<10.0	11.4	<10.0	12.4
EXT DRO	TPH 8015M		18.9	<10.0	16.9	28.6	28.1	21.4	27.2	28.4	12.4	33.7

		Sample ID	BS 11 @ 3'	BS 12 @ 3'	BS 13 @ 3'	BS 14 @ 3'	BS 15 @ 3'	BS 16 @ 3'	BS 17 @ 3'	BS 18 @ 3'	BS 19 @ 3'	BS 20 @ 3'	BS 21 @ 3'	BS 22 @ 3'	BS 23 @ 3'	BS 24 @ 3'	BS 25 @ 3'
Analyte	Method	Date	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21
			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	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	<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	<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	<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	<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	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	32.0	<16.0	<16.0	<16.0	48.0	32.0	16.0	32.0	32.0
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	<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	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	17.2	<10.0	24.8	12.8	11.5	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	BS 26 @ 3'	BS 27 @ 3'	BS 28 @ 3'	BS 29 @ 3'	BS 30 @ 3'
Analyte	Method	Date	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	16.0	32.0	48.0	16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8	SW 9	SW 10	SW 11	SW 12	SW 13	SW 14
Analyte	Method	Date	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21	8/23/21
			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	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	<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	<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	<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	<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	<0.300
Chloride	SM4500Cl-B		<16.0	32.0	16.0	<16.0	<16.0	<16.0	<16.0	<16.0	32.0	32.0	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	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	11.3	10.4	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	10.1	<10.0	<10.0	<10.0	16.7	30.9	21.7	<10.0	<10.0	12.8	20.2	15.4	13.1

CEDAR CANYON 22 CTB LACT #2
4-19-20 & 6-10-20





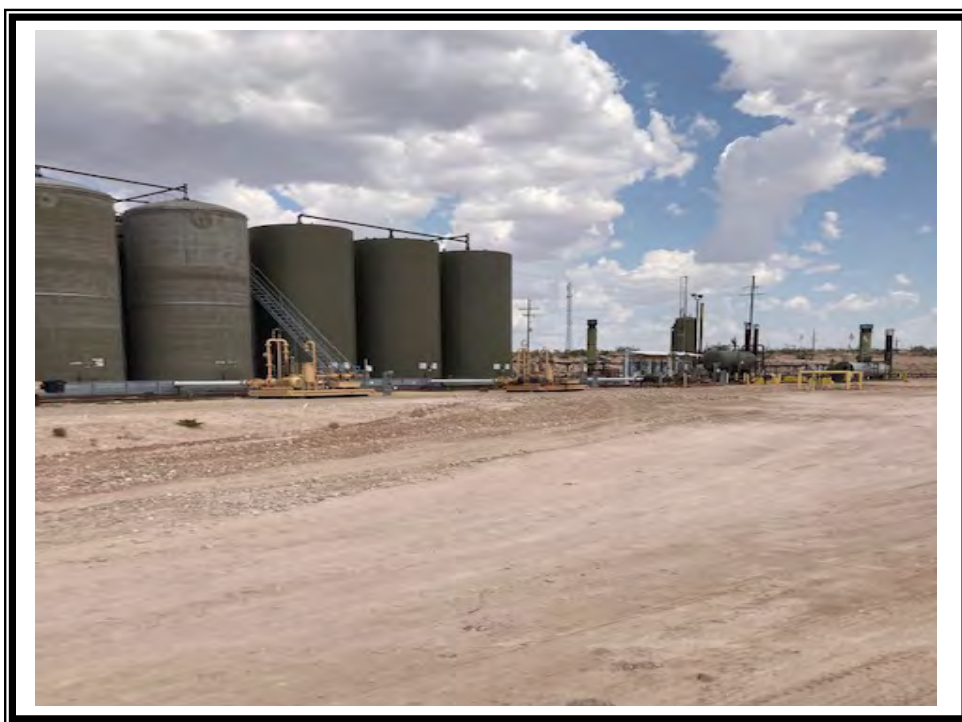
CEDAR CANYON 22 CTB LACT #2
4-19-20 & 6-10-20



CEDAR CANYON 22 CTB LACT #2
4-19-20 & 6-10-20



CEDAR CANYON 22 CTB LACT #2
4-19-20 & 6-10-20





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

August 26, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR CANYON 22 CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/24/21 10:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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:	08/24/2021	Sampling Date:	08/23/2021
Reported:	08/26/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM 1 @ 2' (H212253-01)

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	08/25/2021	ND	1.85	92.6	2.00	1.93	
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94	
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51	
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135	
Total BTEX	<0.300	0.300	08/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	209	104	200	0.788	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	220	110	200	0.628	
EXT DRO >C28-C36	18.9	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 73.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.1 % 38.9-142

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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: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 2 @ 2' (H212253-02)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2021	ND	1.85	92.6	2.00	1.93	
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94	
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51	
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135	
Total BTX	<0.300	0.300	08/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	32.0	16.0	08/25/2021	ND	432	108	400	7.14	

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	08/24/2021	ND	209	104	200	0.788	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	220	110	200	0.628	
EXT DRO >C28-C36	<10.0	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 58.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 56.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 3 @ 2' (H212253-03)

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	08/25/2021	ND	1.85	92.6	2.00	1.93		
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135		
Total BTEX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	209	104	200	0.788	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	220	110	200	0.628	
EXT DRO >C28-C36	16.9	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 85.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.5 % 38.9-142

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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
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 Fax To: (575) 397-0397

Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 4 @ 2' (H212253-04)

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	08/25/2021	ND	1.85	92.6	2.00	1.93		
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	32.0	16.0	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	209	104	200	0.788	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	220	110	200	0.628	
EXT DRO >C28-C36	28.6	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 67.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 66.3 % 38.9-142

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 5 @ 2' (H212253-05)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2021	ND	1.85	92.6	2.00	1.93		
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	32.0	16.0	08/25/2021	ND	432	108	400	7.14	

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	08/24/2021	ND	209	104	200	0.788	
DRO >C10-C28*	10.6	10.0	08/24/2021	ND	220	110	200	0.628	
EXT DRO >C28-C36	28.1	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 83.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.9 % 38.9-142

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received:	08/24/2021	Sampling Date:	08/23/2021
Reported:	08/26/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM 6 @ 2' (H212253-06)

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	08/25/2021	ND	1.85	92.6	2.00	1.93		
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135		
Total BTEX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	32.0	16.0	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	209	104	200	0.788	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	220	110	200	0.628	
EXT DRO >C28-C36	21.4	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.9 % 38.9-142

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Analytical Results For:

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

Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 7 @ 2' (H212253-07)

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	08/25/2021	ND	1.85	92.6	2.00	1.93		
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	209	104	200	0.788	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	220	110	200	0.628	
EXT DRO >C28-C36	27.2	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 74.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.7 % 38.9-142

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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:	08/24/2021	Sampling Date:	08/23/2021
Reported:	08/26/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM 8 @ 2' (H212253-08)

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	08/25/2021	ND	1.85	92.6	2.00	1.93		
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	209	104	200	0.788	
DRO >C10-C28*	11.4	10.0	08/24/2021	ND	220	110	200	0.628	
EXT DRO >C28-C36	28.4	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 69.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.1 % 38.9-142

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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
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Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 9 @ 2' (H212253-09)

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	08/25/2021	ND	1.85	92.6	2.00	1.93		
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135		
Total BTEX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	209	104	200	0.788	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	220	110	200	0.628	
EXT DRO >C28-C36	12.4	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.4 % 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: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 10 @ 2' (H212253-10)

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	08/25/2021	ND	1.85	92.6	2.00	1.93		
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	209	104	200	0.788	
DRO >C10-C28*	12.4	10.0	08/24/2021	ND	220	110	200	0.628	
EXT DRO >C28-C36	33.7	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 88.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.7 % 38.9-142

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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: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 11 @ 3' (H212253-11)

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	08/25/2021	ND	1.85	92.6	2.00	1.93		
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 72.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.6 % 38.9-142

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Analytical Results For:

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

Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 12 @ 3' (H212253-12)

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	08/25/2021	ND	1.85	92.6	2.00	1.93		
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 78.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.4 % 38.9-142

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Analytical Results For:

BBC International, Inc.
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Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 13 @ 3' (H212253-13)

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	08/25/2021	ND	1.85	92.6	2.00	1.93		
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135		
Total BTEX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	17.2	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 77.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.1 % 38.9-142

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Analytical Results For:

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Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 14 @ 3' (H212253-14)

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	08/25/2021	ND	1.85	92.6	2.00	1.93		
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 75.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 15 @ 3' (H212253-15)

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	08/25/2021	ND	1.85	92.6	2.00	1.93		
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	24.8	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 74.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.1 % 38.9-142

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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: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 16 @ 3' (H212253-16)

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	08/25/2021	ND	1.85	92.6	2.00	1.93		
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	12.8	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 71.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.4 % 38.9-142

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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: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 17 @ 3' (H212253-17)

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	08/25/2021	ND	1.85	92.6	2.00	1.93		
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	32.0	16.0	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	11.5	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 77.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.6 % 38.9-142

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Analytical Results For:

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

Received:	08/24/2021	Sampling Date:	08/23/2021
Reported:	08/26/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM 18 @ 3' (H212253-18)

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	08/25/2021	ND	1.85	92.6	2.00	1.93		
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 74.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.3 % 38.9-142

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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:	08/24/2021	Sampling Date:	08/23/2021
Reported:	08/26/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM 19 @ 3' (H212253-19)

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	08/25/2021	ND	1.85	92.6	2.00	1.93		
Toluene*	<0.050	0.050	08/25/2021	ND	2.00	100	2.00	1.94		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.96	98.0	2.00	1.51		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.95	99.1	6.00	0.135		
Total BTEX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 73.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.9 % 38.9-142

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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:	08/24/2021	Sampling Date:	08/23/2021
Reported:	08/26/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM 20 @ 3' (H212253-20)

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	08/24/2021	ND	1.84	91.8	2.00	5.73		
Toluene*	<0.050	0.050	08/24/2021	ND	1.99	99.3	2.00	0.769		
Ethylbenzene*	<0.050	0.050	08/24/2021	ND	1.92	95.8	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/24/2021	ND	5.69	94.8	6.00	1.57		
Total BTX	<0.300	0.300	08/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 78.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.8 % 38.9-142

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Analytical Results For:

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

Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 21 @ 3' (H212253-21)

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	08/24/2021	ND	1.84	91.8	2.00	5.73		
Toluene*	<0.050	0.050	08/24/2021	ND	1.99	99.3	2.00	0.769		
Ethylbenzene*	<0.050	0.050	08/24/2021	ND	1.92	95.8	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/24/2021	ND	5.69	94.8	6.00	1.57		
Total BTX	<0.300	0.300	08/24/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	48.0	16.0	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 75.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.1 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 22 @ 3' (H212253-22)

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	08/25/2021	ND	1.84	91.8	2.00	5.73	
Toluene*	<0.050	0.050	08/25/2021	ND	1.99	99.3	2.00	0.769	
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.92	95.8	2.00	1.17	
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.69	94.8	6.00	1.57	
Total BTEX	<0.300	0.300	08/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	32.0	16.0	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 71.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.8 % 38.9-142

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Analytical Results For:

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Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 23 @ 3' (H212253-23)

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	08/25/2021	ND	1.84	91.8	2.00	5.73		
Toluene*	<0.050	0.050	08/25/2021	ND	1.99	99.3	2.00	0.769		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.92	95.8	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.69	94.8	6.00	1.57		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/24/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/24/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	08/24/2021	ND					

Surrogate: 1-Chlorooctane 79.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.2 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 24 @ 3' (H212253-24)

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	08/25/2021	ND	1.84	91.8	2.00	5.73		
Toluene*	<0.050	0.050	08/25/2021	ND	1.99	99.3	2.00	0.769		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.92	95.8	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.69	94.8	6.00	1.57		
Total BTX	<0.300	0.300	08/25/2021	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	32.0	16.0	08/25/2021	ND	432	108	400	7.14		

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	08/25/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 82.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.4 % 38.9-142

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Analytical Results For:

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

Received:	08/24/2021	Sampling Date:	08/23/2021
Reported:	08/26/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM 25 @ 3' (H212253-25)

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	08/25/2021	ND	1.84	91.8	2.00	5.73		
Toluene*	<0.050	0.050	08/25/2021	ND	1.99	99.3	2.00	0.769		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.92	95.8	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.69	94.8	6.00	1.57		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	32.0	16.0	08/25/2021	ND	432	108	400	7.14		

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	08/25/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 74.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.9 % 38.9-142

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Analytical Results For:

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

Received:	08/24/2021	Sampling Date:	08/23/2021
Reported:	08/26/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM 26 @ 3' (H212253-26)

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	08/25/2021	ND	1.84	91.8	2.00	5.73		
Toluene*	<0.050	0.050	08/25/2021	ND	1.99	99.3	2.00	0.769		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.92	95.8	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.69	94.8	6.00	1.57		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/25/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 80.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.8 % 38.9-142

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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: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 27 @ 3' (H212253-27)

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	08/25/2021	ND	1.84	91.8	2.00	5.73		
Toluene*	<0.050	0.050	08/25/2021	ND	1.99	99.3	2.00	0.769		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.92	95.8	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.69	94.8	6.00	1.57		
Total BTEx	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/25/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 81.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.9 % 38.9-142

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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:	08/24/2021	Sampling Date:	08/23/2021
Reported:	08/26/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM 28 @ 3' (H212253-28)

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	08/25/2021	ND	1.84	91.8	2.00	5.73		
Toluene*	<0.050	0.050	08/25/2021	ND	1.99	99.3	2.00	0.769		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.92	95.8	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.69	94.8	6.00	1.57		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	32.0	16.0	08/25/2021	ND	432	108	400	7.14		

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	08/25/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 77.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.3 % 38.9-142

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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: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 29 @ 3' (H212253-29)

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	08/25/2021	ND	1.84	91.8	2.00	5.73		
Toluene*	<0.050	0.050	08/25/2021	ND	1.99	99.3	2.00	0.769		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.92	95.8	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.69	94.8	6.00	1.57		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	48.0	16.0	08/25/2021	ND	432	108	400	7.14		

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	08/25/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 77.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.5 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 30 @ 3' (H212253-30)

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	08/25/2021	ND	1.84	91.8	2.00	5.73		
Toluene*	<0.050	0.050	08/25/2021	ND	1.99	99.3	2.00	0.769		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.92	95.8	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.69	94.8	6.00	1.57		
Total BTX	<0.300	0.300	08/25/2021	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	08/25/2021	ND	432	108	400	7.14		

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	08/25/2021	ND	193	96.5	200	0.700	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	223	111	200	0.110	
EXT DRO >C28-C36	<10.0	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 66.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.9 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 1 (H212253-31)

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	08/25/2021	ND	1.84	91.8	2.00	5.73		
Toluene*	<0.050	0.050	08/25/2021	ND	1.99	99.3	2.00	0.769		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.92	95.8	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.69	94.8	6.00	1.57		
Total BTX	<0.300	0.300	08/25/2021	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	08/25/2021	ND	432	108	400	7.14		

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	08/25/2021	ND	221	110	200	1.94	QM-07, QR-03	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	230	115	200	0.508		
EXT DRO >C28-C36	<10.0	10.0	08/25/2021	ND						

Surrogate: 1-Chlorooctane 75.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.7 % 38.9-142

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Analytical Results For:

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 P.O. Box 805
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 Fax To: (575) 397-0397

Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 2 (H212253-32)

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	08/25/2021	ND	1.84	91.8	2.00	5.73	
Toluene*	<0.050	0.050	08/25/2021	ND	1.99	99.3	2.00	0.769	
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.92	95.8	2.00	1.17	
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.69	94.8	6.00	1.57	
Total BTX	<0.300	0.300	08/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	32.0	16.0	08/25/2021	ND	432	108	400	7.14		

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	08/25/2021	ND	221	110	200	1.94	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	230	115	200	0.508	
EXT DRO >C28-C36	10.1	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 79.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.7 % 38.9-142

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Analytical Results For:

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

Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 3 (H212253-33)

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	08/25/2021	ND	1.84	91.8	2.00	5.73		
Toluene*	<0.050	0.050	08/25/2021	ND	1.99	99.3	2.00	0.769		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.92	95.8	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.69	94.8	6.00	1.57		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/25/2021	ND	221	110	200	1.94		
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	230	115	200	0.508		
EXT DRO >C28-C36	<10.0	10.0	08/25/2021	ND						

Surrogate: 1-Chlorooctane 79.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.1 % 38.9-142

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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
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 Fax To: (575) 397-0397

Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 4 (H212253-34)

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	08/25/2021	ND	1.84	91.8	2.00	5.73		
Toluene*	<0.050	0.050	08/25/2021	ND	1.99	99.3	2.00	0.769		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.92	95.8	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.69	94.8	6.00	1.57		
Total BTEx	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/25/2021	ND	221	110	200	1.94	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	230	115	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 73.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.3 % 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: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 5 (H212253-35)

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	08/25/2021	ND	1.84	91.8	2.00	5.73	
Toluene*	<0.050	0.050	08/25/2021	ND	1.99	99.3	2.00	0.769	
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.92	95.8	2.00	1.17	
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.69	94.8	6.00	1.57	
Total BTX	<0.300	0.300	08/25/2021	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	08/25/2021	ND	432	108	400	7.14		

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	08/25/2021	ND	221	110	200	1.94	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	230	115	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 74.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.5 % 38.9-142

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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: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 6 (H212253-36)

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	08/25/2021	ND	1.84	91.8	2.00	5.73		
Toluene*	<0.050	0.050	08/25/2021	ND	1.99	99.3	2.00	0.769		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.92	95.8	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.69	94.8	6.00	1.57		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/25/2021	ND	221	110	200	1.94	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	230	115	200	0.508	
EXT DRO >C28-C36	16.7	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 87.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.8 % 38.9-142

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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:	08/24/2021	Sampling Date:	08/23/2021
Reported:	08/26/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 7 (H212253-37)

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	08/25/2021	ND	1.84	91.8	2.00	5.73	
Toluene*	<0.050	0.050	08/25/2021	ND	1.99	99.3	2.00	0.769	
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.92	95.8	2.00	1.17	
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.69	94.8	6.00	1.57	
Total BTX	<0.300	0.300	08/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/25/2021	ND	221	110	200	1.94	
DRO >C10-C28*	11.3	10.0	08/25/2021	ND	230	115	200	0.508	
EXT DRO >C28-C36	30.9	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 73.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 8 (H212253-38)

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	08/25/2021	ND	1.84	91.8	2.00	5.73		
Toluene*	<0.050	0.050	08/25/2021	ND	1.99	99.3	2.00	0.769		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.92	95.8	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.69	94.8	6.00	1.57		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	08/25/2021	ND	432	108	400	7.14		

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	08/25/2021	ND	221	110	200	1.94	
DRO >C10-C28*	10.4	10.0	08/25/2021	ND	230	115	200	0.508	
EXT DRO >C28-C36	21.7	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 75.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 9 (H212253-39)

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	08/25/2021	ND	1.75	87.6	2.00	3.40	
Toluene*	<0.050	0.050	08/25/2021	ND	1.91	95.6	2.00	2.72	
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.86	93.1	2.00	3.34	
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.66	94.3	6.00	2.88	
Total BTX	<0.300	0.300	08/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	32.0	16.0	08/25/2021	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	08/25/2021	ND	221	110	200	1.94	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	230	115	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 77.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.6 % 38.9-142

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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: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 10 (H212253-40)

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	08/25/2021	ND	1.75	87.6	2.00	3.40	
Toluene*	<0.050	0.050	08/25/2021	ND	1.91	95.6	2.00	2.72	
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.86	93.1	2.00	3.34	
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.66	94.3	6.00	2.88	
Total BTX	<0.300	0.300	08/25/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	32.0	16.0	08/25/2021	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	08/25/2021	ND	221	110	200	1.94	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	230	115	200	0.508	
EXT DRO >C28-C36	<10.0	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 72.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.2 % 38.9-142

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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: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 11 (H212253-41)

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	08/25/2021	ND	1.75	87.6	2.00	3.40		
Toluene*	<0.050	0.050	08/25/2021	ND	1.91	95.6	2.00	2.72		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.86	93.1	2.00	3.34		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.66	94.3	6.00	2.88		
Total BTEx	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	08/25/2021	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	08/25/2021	ND	221	110	200	1.94	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	230	115	200	0.508	
EXT DRO >C28-C36	12.8	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 72.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 12 (H212253-42)

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	08/25/2021	ND	1.75	87.6	2.00	3.40		
Toluene*	<0.050	0.050	08/25/2021	ND	1.91	95.6	2.00	2.72		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.86	93.1	2.00	3.34		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.66	94.3	6.00	2.88		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	08/25/2021	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	08/25/2021	ND	221	110	200	1.94	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	230	115	200	0.508	
EXT DRO >C28-C36	20.2	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 58.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 58.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 13 (H212253-43)

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	08/25/2021	ND	1.75	87.6	2.00	3.40		
Toluene*	<0.050	0.050	08/25/2021	ND	1.91	95.6	2.00	2.72		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.86	93.1	2.00	3.34		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.66	94.3	6.00	2.88		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	08/25/2021	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	08/25/2021	ND	221	110	200	1.94	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	230	115	200	0.508	
EXT DRO >C28-C36	15.4	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 66.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 67.2 % 38.9-142

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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: 08/24/2021
 Reported: 08/26/2021
 Project Name: CEDAR CANYON 22 CTB
 Project Number: NONE GIVEN
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 08/23/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 14 (H212253-44)

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	08/25/2021	ND	1.75	87.6	2.00	3.40		
Toluene*	<0.050	0.050	08/25/2021	ND	1.91	95.6	2.00	2.72		
Ethylbenzene*	<0.050	0.050	08/25/2021	ND	1.86	93.1	2.00	3.34		
Total Xylenes*	<0.150	0.150	08/25/2021	ND	5.66	94.3	6.00	2.88		
Total BTX	<0.300	0.300	08/25/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	08/25/2021	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	08/25/2021	ND	221	110	200	1.94	
DRO >C10-C28*	<10.0	10.0	08/25/2021	ND	230	115	200	0.508	
EXT DRO >C28-C36	13.1	10.0	08/25/2021	ND					

Surrogate: 1-Chlorooctane 91.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:		
Project Manager: Cliff Brunson		Company:		
Address: P.O. Box 805		Attn:		
City: Hobbs		State: NM	Zip: 88241	
Phone #: 575-397-6388		Fax #: 575-397-0397		
Project #:		Project Owner: Oxy		
Project Name: Cedar Canyon 22478		City:	State:	Zip:
Project Location:		Phone #:		
Sample Name: Roger Hernandez		Fax #:		
FOR LAB USE ONLY		PRESERV	SAMPLING	
Lab I.D.	Sample I.D.			
4212353	Bottom 11 @ 3'	(G)RAB OR (C)OMP.	# CONTAINERS	
11	Bottom 12 @ 3'	GROUNDWATER	WASTEWATER	
12	Bottom 13 @ 3'	SOIL	OIL	
13	Bottom 14 @ 3'	SLUDGE	OTHER :	
14	Bottom 15 @ 3'	ACID/BASE:	ICE / COOL	
15	Bottom 16 @ 3'	OTHER :		
16	Bottom 17 @ 3'	DATE	TIME	
17	Bottom 18 @ 3'	8-23-21	10:10	
18	Bottom 19 @ 3'	8-23-21	10:26	
19	Bottom 20 @ 3'	8-23-21	10:30	
20	Bottom 21 @ 3'	8-23-21	10:40	
		8-23-21	10:50	
		8-23-21	11:00	
		8-23-21	11:05	
		8-23-21	11:10	
		8-23-21	11:15	
		8-23-21	11:20	
<p>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 the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of data, loss of profits, incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based on any of the above stated reasons or otherwise.</p>		<p>Relinquished By: Roger Hernandez</p> <p>Date: 8-24-21</p> <p>Time: 8:00</p> <p>Received By: Juanita Blackhawk</p> <p>Date: 8-24-21</p> <p>Time: 10:45am</p> <p>Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Delivered By: (Circle One) <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other: 1.6c #113</p> <p>Checker: YC</p>		
REMARKS:		<p>TPH</p> <p>BTEX</p> <p>CL-</p>		



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: Project Name: Project Location: Sample Name: Cedar Canyon 22 CTB FOR LAB USE ONLY		P.O. #: Company: Attn: Address: City: State: Zip:	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		Fax #: Phone #: State: Zip:	
Lab I.D.		Sample I.D.	
Relinquished By: [Signature]		Received By: [Signature]	
Date: 8-24-21 Time: 8:00 AM		Date: 8-24-21 Time: 8:00 AM	
Delivered By: [Signature]		Received By: [Signature]	
Sample Condition: <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: [Signature] (Initials)	
Sampler - UPS - Bus - Other: 1.6c #113		Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	TPH	BTEX	CL-
421253	B ₀ Hom	21	3-	✓	✓	✓	8-23-21	11:25	✓	✓	✓
21	B ₀ Hom	22	0.3-	✓	✓	✓	8-23-21	11:30	✓	✓	✓
22	B ₀ Hom	23	0.3-	✓	✓	✓	8-23-21	11:35	✓	✓	✓
23	B ₀ Hom	24	0.3-	✓	✓	✓	8-23-21	11:40	✓	✓	✓
24	B ₀ Hom	25	0.3-	✓	✓	✓	8-23-21	11:45	✓	✓	✓
25	B ₀ Hom	26	0.3-	✓	✓	✓	8-23-21	11:50	✓	✓	✓
26	B ₀ Hom	27	0.3-	✓	✓	✓	8-23-21	11:55	✓	✓	✓
27	B ₀ Hom	28	0.3-	✓	✓	✓	8-23-21	12:00	✓	✓	✓
28	B ₀ Hom	29	0.3-	✓	✓	✓	8-23-21	12:05	✓	✓	✓
29	B ₀ Hom	30	0.3-	✓	✓	✓	8-23-21	12:10	✓	✓	✓
30	B ₀ Hom										



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		P.O. #:		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company:		Attn:			
Address: P.O. Box 805		State: NM		Zip: 88241			
City: Hobbs		Address:		City:			
Phone #: 575-397-6388		Fax #: 575-397-0397		State:		Zip:	
Project #:		Project Owner: Oxy		Phone #:			
Project Name:		Cedar Canyon 22 CFB		Fax #:			
Project Location:		Page 1 Hernandez		PRESERV		SAMPLING	
Sampler Name:		FOR LAB USE ONLY		DATE		TIME	
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP		# CONTAINERS	
				GROUNDWATER		WASTEWATER	
				SOIL		OIL	
				SLUDGE		OTHER :	
				ACID/BASE:		ICE / COOL	
				OTHER :			
H310053		31		✓		8-23-21 12:15	
32		✓		8-23-21 12:15		✓	
33		✓		8-23-21 12:15		✓	
34		✓		8-23-21 12:15		✓	
35		✓		8-23-21 12:15		✓	
36		✓		8-23-21 12:15		✓	
37		✓		8-23-21 12:15		✓	
38		✓		8-23-21 12:15		✓	
39		✓		8-23-21 12:15		✓	
40		✓		8-23-21 12:15		✓	
41		✓		8-23-21 12:15		✓	
42		✓		8-23-21 12:15		✓	
43		✓		8-23-21 12:15		✓	
44		✓		8-23-21 12:15		✓	
45		✓		8-23-21 12:15		✓	
46		✓		8-23-21 12:15		✓	
47		✓		8-23-21 12:15		✓	
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62		✓		8-23-21 12:15		✓	
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82		✓		8-23-21 12:15		✓	
83		✓		8-23-21 12:15		✓	
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87		✓		8-23-21 12:15		✓	
88		✓		8-23-21 12:15		✓	
89		✓		8-23-21 12:15		✓	
90		✓		8-23-21 12:15		✓	
91		✓		8-23-21 12:15		✓	
92		✓		8-23-21 12:15		✓	
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94		✓		8-23-21 12:15		✓	
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100		✓		8-23-21 12:15		✓	
101		✓		8-23-21 12:15		✓	
102		✓		8-23-21 12:15		✓	
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104		✓		8-23-21 12:15		✓	
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107		✓		8-23-21 12:15		✓	
108		✓		8-23-21 12:15		✓	
109		✓		8-23-21 12:15		✓	
110		✓		8-23-21 12:15		✓	
111		✓		8-23-21 12:15		✓	
112		✓		8-23-21 12:15		✓	
113		✓		8-23-21 12:15		✓	
114		✓		8-23-21 12:15		✓	
115		✓		8-23-21 12:15		✓	
116		✓		8-23-21 12:15		✓	
117		✓		8-23-21 12:15		✓	
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119		✓		8-23-21 12:15		✓	
120		✓		8-23-21 12:15		✓	
121		✓		8-23-21 12:15		✓	
122		✓		8-23-21 12:15		✓	
123		✓		8-23-21 12:15		✓	
124		✓		8-23-21 12:15		✓	
125		✓		8-23-21 12:15		✓	
126		✓		8-23-21 12:15		✓	
127		✓		8-23-21 12:15		✓	
128		✓		8-23-21 12:15		✓	
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131		✓		8-23-21 12:15		✓	
132		✓		8-23-21 12:15		✓	
133		✓		8-23-21 12:15		✓	
134		✓		8-23-21 12:15		✓	
135		✓		8-23-21 12:15		✓	
136		✓		8-23-21 12:15		✓	
137		✓		8-23-21 12:15		✓	
138		✓		8-23-21 12:15		✓	
139		✓		8-23-21 12:15		✓	
140		✓		8-23-21 12:15		✓	
141		✓		8-23-21 12:15		✓	
142		✓		8-23-21 12:15		✓	
143		✓		8-23-21 12:15		✓	
144		✓		8-23-21 12:15		✓	
145		✓		8-23-21 12:15		✓	
146		✓		8-23-21 12:15		✓	
147		✓		8-23-21 12:15		✓	
148		✓		8-23-21 12:15		✓	
149		✓		8-23-21 12:15		✓	
150		✓		8-23-21 12:15		✓	
151		✓		8-23-21 12:15		✓	
152		✓		8-23-21 12:15		✓	
153		✓		8-23-21 12:15		✓	
154		✓		8-23-21 12:15		✓	
155		✓		8-23-21 12:15		✓	
156		✓		8-23-21 12:15		✓	
157		✓		8-23-21 12:15		✓	
158		✓		8-23-21 12:15		✓	
159		✓		8-23-21 12:15		✓	
160		✓		8-23-21 12:15		✓	
161		✓		8-23-21 12:15		✓	
162		✓		8-23-21 12:15		✓	
163		✓		8-23-21 12:15		✓	
164		✓		8-23-21 12:15		✓	
165		✓		8-23-21 12:15		✓	
166		✓		8-23-21 12:15		✓	
167		✓		8-23-21 12:15		✓	
168		✓		8-23-21 12:15		✓	
169		✓		8-23-21 12:15		✓	
170		✓		8-23-21 12:15		✓	
171		✓		8-23-21 12:15		✓	
172		✓		8-23-21 12:15		✓	
173		✓		8-23-21 12:15		✓	
174		✓		8-23-21 12:15		✓	
175		✓		8-23-21 12:15		✓	
176		✓		8-23-21 12:15		✓	
177		✓		8-23-21 12:15		✓	
178		✓		8-23-21 12:15		✓	
179		✓		8-23-21 12:15		✓	
180		✓		8-23-21 12:15		✓	
181		✓		8-23-21 12:15		✓	
182		✓		8-23-21 12:15		✓	
183		✓		8-23-21 12:15		✓	
184		✓		8-23-21 12:15		✓	
185		✓		8-23-21 12:15		✓	
186		✓		8-23-21 12:15		✓	
187		✓		8-23-21 12:15		✓	
188		✓		8-23-21 12:15		✓	
189		✓		8-23-21 12:15		✓	
190		✓		8-23-21 12:15		✓	
191		✓		8-23-21 12:15		✓	
192		✓		8-23-21 12:15		✓	
193		✓		8-23-21 12:15		✓	
194		✓		8-23-21 12:15		✓	
195		✓		8-23-21 12:15		✓	
196		✓		8-23-21 12:15		✓	
197		✓		8-23-21 12:15		✓	
198		✓		8-23-21 12:15		✓	
199		✓		8-23-21 12:15		✓	
200		✓		8-23-21 12:15		✓	
201		✓		8-23-21 12:15		✓	
202		✓		8-23-21 12:15		✓	
203		✓		8-23-21 12:15		✓	
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205		✓		8-23-21 12:15		✓	
206		✓		8-23-21 12:15		✓	
207		✓		8-23-21 12:15		✓	
208		✓		8-23-21 12:15		✓	
209		✓		8-23-21 12:15		✓	
210		✓		8-23-21 12:15		✓	
211		✓		8-23-21 12:15		✓	
212		✓		8-23-21 12:15		✓	
213		✓		8-23-21 12:15		✓	
214		✓		8-23-21 12:15		✓	
215		✓		8-23-21 12:15		✓	
216		✓		8-23-21 12:15		✓	



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO															
Project Manager: Cliff Brunson		P.O. #:															
Address: P.O. Box 805		Company:															
City: Hobbs		Attn:															
State: NM Zip: 88241		Address:															
Phone #: 575-397-6388 Fax #: 575-397-0397		City:															
Project #:		State: Zip:															
Project Location:		Phone #:															
Sample Name:		Fax #:															
FOR LAB USE ONLY		PRESERV SAMPLING															
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	BTEX	CL-
41	Sidewalk	G-1	1										8-23-21	105			
42	Sidewalk	G-1	1										8-23-21	110			
43	Sidewalk	G-1	1										8-23-21	115			
44	Sidewalk	G-1	1										8-23-21	120			
PLEASE NOTE: Liability and Damages: Cardinal's liability and clients' exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated remedies or otherwise.																	
Relinquished By:		Date: 8-24-21	Received By:														
Relinquished By:		Time: 8:00am	Received By:														
Delivered By: (Circle One)		Date: 8-24-21	Received By:														
Sampler - UPS - Bus - Other:		Time: 10:45am	Received By:														
				Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No													
				CHECKED BY: (Initials)													
				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:													
				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:													
REMARKS:																	

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



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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 321234104002601

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 321234104002601 24S.29E.20.122

Eddy County, New Mexico
Latitude 32°12'34", Longitude 104°00'26" NAD27
Land-surface elevation 2,950 feet above NGVD29

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1974-12-17		D	57.11			2		Z	USGS	
1975-07-14		D	57.55			2		Z	USGS	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	Z	Other.
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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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 95358

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 95358
	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 #NRM2018236487 CEDAR CANYON 22 CTB, thank you. This closure is approved.	5/3/2022