

Form C-141

State of New Mexico  
Oil Conservation Division

Page 6

Incident ID	NRM2022459251
District RP	
Facility ID	
Application ID	

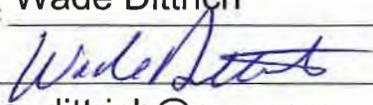
### Closure

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

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

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

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

**OCD Only**

Received by: Robert Hamlet Date: 4/25/2022

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

Closure Approved by: Robert Hamlet Date: 4/25/2022  
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

## Closure Report

### NRM2022459251

#### Site Description

Site Name:	CEDAR CANYON 21-22 FED 34H
Company:	OXY
Legal Description:	U/L: M, SECTION 22, T24S, R29E
County:	EDDY COUNTY, NM
GPS Coordinates:	N32.20350, W-103.96284

#### Release Data

Date of Release:	7/25/2020
Type of Release:	CRUDE OIL & PRODUCED WATER
Source of Release:	6 INCH POLY FLOW LINE FAILURE
Volume of Release:	20 BBLs CRUDE OIL/30 BBLs PRODUCED WATER
Volume Recovered:	6 BBLs CRUDE OIL/ 0 BBLs PRODUCED WATER

#### Remediation Specifications

Remediation Parameters	<p>The leak area near SP1 and SP2 (light blue shade on diagram) will be excavated to a depth of 4 feet. The leak area near SP3, SP6, SP8, SP9, SP11, SP12 and SP14 (purple shade on diagram) will be excavated to a depth of 1 foot. The leak area near SP4, SP10 and SP13 (green shade on diagram) will be excavated to a depth of 2 feet. The leak area near SP5 and SP7 (dark blue shade on diagram) will be excavated to a depth of 3 feet. The leak area near SP15 (white shade of diagram) will require zero remediation.</p> <p>OXY will collect sidewall and confirmation samples every 400 square feet. The estimated amount of soil to be excavated is 1,324 cubic yards. The remediation will be completed within 90 days of approval.</p>
Remediation Activities:	7-28-20, 9-8-21 & 12-1-21

Plan Sent to OCD:	2/6/2021	FROM CLIFF TO BLM NM AND WADE
OCD Approval of Plan:		FROM @STATE.NM.US TO WADE AND CLIFF
Plan Sent to BLM:	2/8/2021	FROM CLIFF TO SPILL@BLM AND WADE
BLM Approval of Plan:	2/17/2021	FROM JAMOS@BLM.GOV TO WADE AND CLIFF

#### Supporting Documentation

C 141 PAGE 6		
SITE DIAGRAM	GOOGLE EARTH MAP WITH CONFIRMATION SAMPLES	
PICTURES	CLOSURE PICTURES	
LAB SUMMARY	CLOSURE SAMPLES	
LAB ANALYSIS	CLOSURE SAMPLES	
SAMPLING NOTIFICATION	9/15/2021	

#### 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.

3/21/2022

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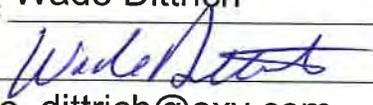
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Printed Name: Wade Dittrich Title: Environmental Coordinator  
 Signature:  Date: 3-24-22  
 email: wade\_dittrich@oxy.com Telephone: (575) 390-2828

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

CENAR CAMPA 21-22 FED 34H (7.25.20)  
Released to Imaging: 4/25/2022 1:55:54 PM

**From:** [Cliff Brunson](#)  
**To:** ["Enviro, OCD, EMNRD"](#)  
**Cc:** ["Wade Dittrich"](#); [Ken Swinney](#); ["Jennifer Gilkey"](#); [Julia French](#)  
**Subject:** OXY - Cedar Canyon 21-22 Fed 34H - Sampling Notification  
**Date:** Wednesday, September 15, 2021 3:09:08 PM  
**Attachments:** [image001.jpg](#)

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This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Cedar Canyon 21-22 Fed 34H (Incident ID # nRM2022459251) on Friday, September 17th at 9:00 a.m.

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



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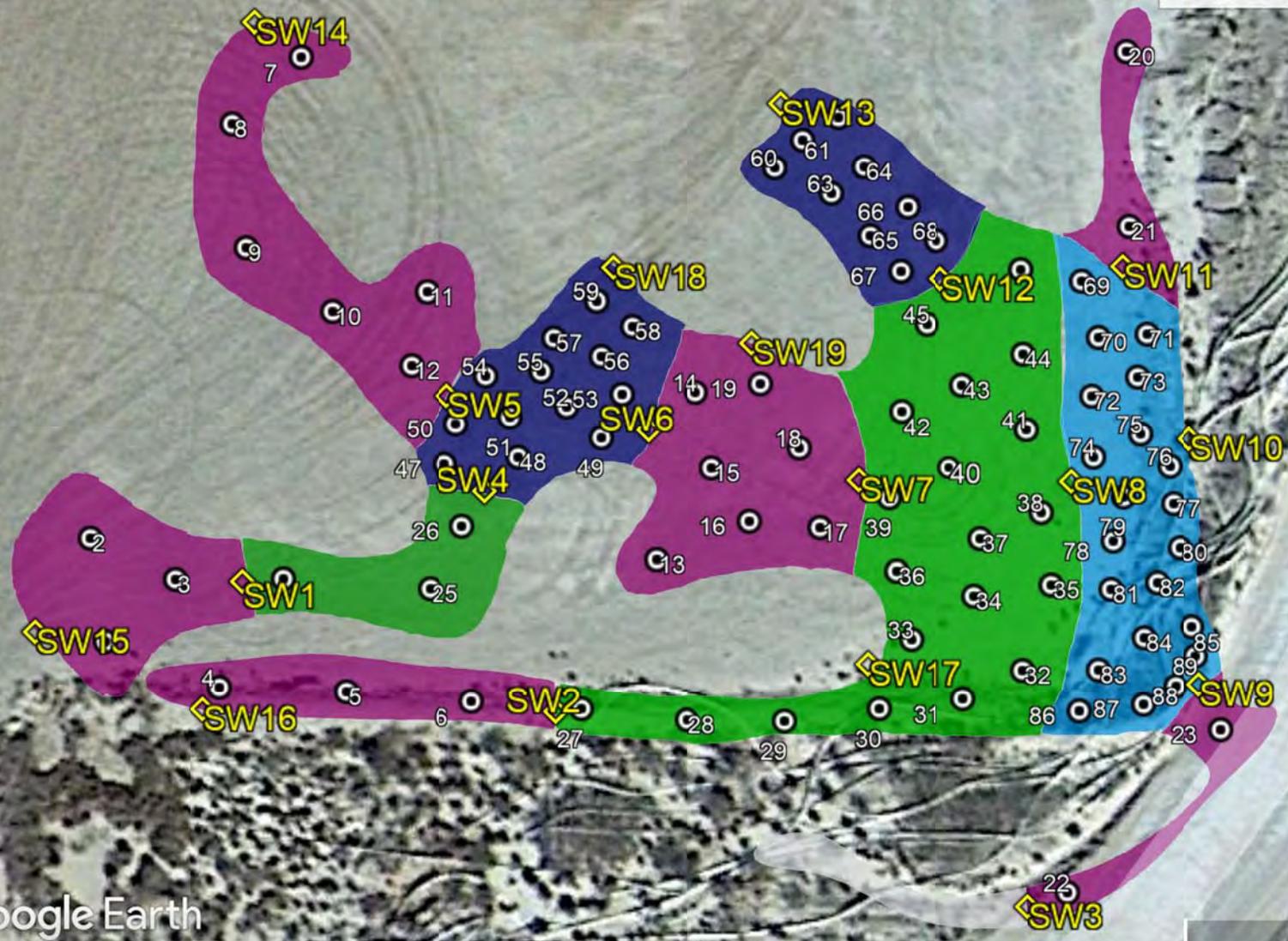
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# Oxy, Cedar Canyon 21-22 Fed 34H

LEAK DATE 7/27/20  
EDDY CO., NM  
ID # nRM2022459251

**Legend**

- 2 ft Excavation
- 3 ft Excavation
- 4 ft Excavation
- 5 ft Excavation
- Bottom Confirmation Sample Points
- ◇ Sidewall Confirmation Sample Points
- Zero Remediation



Google Earth

100 ft



CEDAR CANYON 21-11 FED 34H (7-27-20)

- **BOTTOM SAMPLE @2'**

1	N32.198138	W-103.980560
2	N32.198195	W-103.980570
3	N32.198172	W-103.980515
4	N32.198112	W-103.980485
5	N32.198110	W-103.980402
6	N32.198104	W-103.980320
7	N32.198462	W-103.980432
8	N32.198425	W-103.980477
9	N32.198356	W-103.980468
10	N32.198321	W-103.980411
11	N32.198332	W-103.980350
12	N32.198291	W-103.980360
13	N32.198183	W-103.980199
14	N32.198276	W-103.980173
15	N32198234	W-103.980162
16	N32.198204	W-103.980138
17	N32.198201	W-103.980092
18	N32.198245	W-103.980105
19	N32.198281	W-103.980130
20	N32.198465	W-103.979891
21	N32.198368	W-103.979889
22	N32.197998	W-103.979929
23	N32.198088	W-103.979828

- **BOTTOM SAMPLE @3'**

24	N32.198172	W-103.980443
25	N32.198167	W-103.980347

CEDAR CANYON 21-11 FED 34H (7-27-20)

26	N32.198201	W-103.980326
27	N32.198100	W-103.980248
28	N32.198094	W-103.980179
29	N32.198093	W-103.980115
30	N32.198100	W-103.980053
31	N32.198106	W-103.97998
32	N32.198121	W-103.979959
33	N32.198139	W-103.980032
34	N32.198163	W-103.979990
35	N32.198169	W-103.979940
36	N32.198177	W-103.980042
37	N32.198194	W-103.979986
38	N32.198209	W-103.979946
39	N32.198217	W-103.980046
40	N32.198234	W-103.980007
41	N32.198255	W-103.979956
42	N32.198265	W-103.980038
43	N32.198280	W-103.979998
44	N32.198297	W-103.979958
45	N32.198314	W-103.980022
46	N32.198344	W-103.979960

- **BOTTOM SAMPLE @4'**

47	N32.198236	W-103.980338
48	N32.198240	W-103.980289
49	N32.198251	W-103.980235
50	N32.198258	W-103.980330
51	N32.198262	W-103.980295
52	N32.198268	W-103.980258
53	N32.198275	W-103.980222

## CEDAR CANYON 21-11 FED 34H (7-27-20)

54	N32.198285	W-103.980311
55	N32.198288	W-103.980274
56	N32.198296	W-103.980235
57	N32.198306	W-103.980266
58	N32.198312	W-103.980215
59	N32.198326	W-103.980238
60	N32.198400	W-103.980121
61	N32.198416	W-103.980103
62	N32.198428	W-103.980080
63	N32.198386	W-103.980084
64	N32.198401	W-103.980063
65	N32.198363	W-103.980059
66	N32.198379	W-103.980034
67	N32.198343	W-103.980039
68	N32.198360	W-103.980015

- **BOTTOM SAMPLE @5'**

69	N32.198337	W-103.979920
70	N32.198306	W-103.979909
71	N32.198308	W-103.979877
72	N32.198274	W-103.979913
73	N32.198284	W-103.979883
74	N32.198240	W-103.979912
75	N32.198253	W-103.979882
76	N32.198235	W-103.979862
77	N32.198214	W-103.979860
78	N32.198193	W-103.979899
79	N32.198218	W-103.979893
80	N32.198189	W-103.979856

## CEDAR CANYON 21-11 FED 34H (7-27-20)

81	N32.198167	W-103.979901
82	N32.198170	W-103.979870
83	N32.198122	W-103.979909
84	N32.198140	W-103.979879
85	N32.198146	W-103.979847
86	N32.198099	W-103.979922
87	N32.198103	W-103.979880
88	N32.198113	W-103.979858
89	N32.198129	W-103.979845

- **SIDEWALL SAMPLE**

SIDEWALL 1	32.198170°	-103.980471°
SIDEWALL 2	32.198098°	-103.980266°
SIDEWALL 3	32.197990°	-103.979956°
SIDEWALL 4	32.198220°	-103.980312°
SIDEWALL 5	32.198273°	-103.980337°
SIDEWALL 6	32.198254°	-103.980205°
SIDEWALL 7	32.198226°	-103.980067°
SIDEWALL 8	32.198225°	-103.979927°
SIDEWALL 9	32.198113°	-103.979844°
SIDEWALL 10	32.198249°	-103.979850°
SIDEWALL 11	32.198345°	-103.979894°
SIDEWALL 12	32.198338°	-103.980013°
SIDEWALL 13	32.198435°	-103.980118°
SIDEWALL 14	32.198480°	-103.980463°
SIDEWALL 15	32.198142°	-103.980607°
SIDEWALL 16	32.198099°	-103.980497°
SIDEWALL 17	32.198124°	-103.980061°

CEDAR CANYON 21-11 FED 34H (7-27-20)

SIDEWALL 18	32.198344°	-103.980228°
SIDEWALL 19	32.198302°	-103.980137°

Laboratory Analytical Results Summary  
CEDAR CANYON 21-22 FED #34H SOUTH

		Sample ID	BOTTOM 1 @ 2'	BOTTOM 2 @ 2'	BOTTOM 3 @ 2'	BOTTOM 4 @ 2'	BOTTOM 5 @ 2'	BOTTOM 6 @ 2'	BOTTOM 7 @ 2'	BOTTOM 8 @ 2'	BOTTOM 9 @ 2'	BOTTOM 10 @ 2'	BOTTOM 11 @ 2'	BOTTOM 12 @ 2'	BOTTOM 13 @ 2'	BOTTOM 14 @ 2'	BOTTOM 15 @ 2'	BOTTOM 16 @ 2'
Analyte	Method	Date	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg									
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<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	<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	<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	<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	<0.300
Chloride	SM4500CI-B		80.0	64.0	<16.0	<16.0	16.0	48.0	64.0	64.0	64.0	32.0	48.0	48.0	32.0	80.0	32.0	48.0
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	<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	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	BOTTOM 17 @ 2'	BOTTOM 18 @ 2'	BOTTOM 19 @ 2'	BOTTOM 20 @ 2'	BOTTOM 21 @ 2'	BOTTOM 22 @ 2'	BOTTOM 23 @ 2'
Analyte	Method	Date	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21
			mg/kg						
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		32.0	32.0	64.0	16.0	<16.0	64.0	32.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	BOTTOM 24 @ 3'	BOTTOM 25 @ 3'	BOTTOM 26 @ 3'	BOTTOM 27 @ 3'	BOTTOM 28 @ 3'	BOTTOM 29 @ 3'	BOTTOM 30 @ 3'	BOTTOM 31 @ 3'	BOTTOM 32 @ 3'	BOTTOM 33 @ 3'	BOTTOM 34 @ 3'	BOTTOM 35 @ 3'	BOTTOM 36 @ 3'	BOTTOM 37 @ 3'	BOTTOM 38 @ 3'	BOTTOM 39 @ 3'	BOTTOM 40 @ 3'
Analyte	Method	Date	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21
			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	<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	<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	<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	<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	<0.300	<0.300
Chloride	SM4500CI-B		80.0	112	80.0	32.0	32.0	96.0	32.0	16.0	32.0	<16.0	96.0	80.0	128	112	96.0	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	<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	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	BOTTOM 41 @ 3'	BOTTOM 42 @ 3'	BOTTOM 43 @ 3'	BOTTOM 44 @ 3'	BOTTOM 45 @ 3'	BOTTOM 46 @ 3'
Analyte	Method	Date	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21
			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
Toluene	BTEX 8021B		<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
Total Xylenes	BTEX 8021B		<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
Chloride	SM4500CI-B		16.0	32.0	128	16.0	112	48.0
GRO	TPH 8015M		<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
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

Laboratory Analytical Results Summary  
CEDAR CANYON 21-22 FED #34H SOUTH

		Sample ID	BOTTOM 47@ 4'	BOTTOM 48@ 4'	BOTTOM 49@ 4'	BOTTOM 50 @ 4'	BOTTOM 51@ 4'	BOTTOM 52@ 4'	BOTTOM 53@ 4'	BOTTOM 54@ 4'	BOTTOM 55@ 4'	BOTTOM 56@ 4'	BOTTOM 57@ 4'	BOTTOM 58@ 4'	BOTTOM 59@ 4'	BOTTOM 60@ 4'	BOTTOM 61@ 4'	BOTTOM 62@ 4'
Analyte	Method	Date	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21
			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	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	<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	<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	<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	<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	<0.300
Chloride	SM4500Cl-B		80.0	32.0	112	80.0	80.0	96.0	80.0	80.0	80.0	112	112	160	112	80.0	96.0	112
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	<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	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	BOTTOM 63@ 4'	BOTTOM 64@ 4'	BOTTOM 65@ 4'	BOTTOM 66@ 4'	BOTTOM 67@ 4'	BOTTOM 68@ 4'
Analyte	Method	Date	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21
			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
Toluene	BTEX 8021B		<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
Total Xylenes	BTEX 8021B		<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
Chloride	SM4500Cl-B		80.0	128	80.0	112	96.0	80.0
GRO	TPH 8015M		<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
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	BOTTOM 69@ 5'	BOTTOM 70@ 5'	BOTTOM 71@ 5'	BOTTOM 72@ 5'	BOTTOM 73@ 5'	BOTTOM 74 @ 5'	BOTTOM 75 @ 5'	BOTTOM 76 @ 5'	BOTTOM 77 @ 5'	BOTTOM 78 @ 5'	BOTTOM 79 @ 5'	BOTTOM 80 @ 5'	BOTTOM 81 @ 5'	BOTTOM 82@ 5'	BOTTOM 83 @ 5'	BOTTOM 84@ 5'
Analyte	Method	Date	11/10/21	11/10/21	11/10/21	11/10/21	11/10/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21
			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	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	<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	<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	<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	<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	<0.300
Chloride	SM4500Cl-B		80.0	96.0	80.0	112	96.0	80.0	80.0	96.0	112	112	80.0	80.0	96.0	96.0	80.0	96.0
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	<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	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	BOTTOM 85 @ 5'	BOTTOM 86 @ 5'	BOTTOM 87@ 5'	BOTTOM 88@ 5'	BOTTOM 89@ 5'
Analyte	Method	Date	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21
			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		112	112	96.0	112	112
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

Laboratory Analytical Results Summary  
 CEDAR CANYON 21-22 FED #34H SOUTH

		Sample ID	SIDEWALL 1	SIDEWALL 2	SIDEWALL 3	SIDEWALL 4	SIDEWALL 5	SIDEWALL 6	SIDEWALL 7	SIDEWALL 8	SIDEWALL 9	SIDEWALL 10	SIDEWALL 11	SIDEWALL 12	SIDEWALL 13	SIDEWALL 14	SIDEWALL 15	SIDEWALL 16
Analyte	Method	Date	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21	11/11/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg									
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<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	<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	<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	<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	<0.300
Chloride	SM4500Cl-B		80.0	128	112	96.0	96.0	112	112	80.0	96.0	112	96.0	96.0	80.0	112	96.0	112
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	<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	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	SIDEWALL 17	SIDEWALL 18	SIDEWALL 19
Analyte	Method	Date	11/11/21	11/11/21	11/11/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		80.0	96.0	96.0
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0



CEDAR CANYON 21-22 FED 34H SOUTH  
7/27/20





CEDAR CANYON 21-22 FED 34H SOUTH  
7/27/20



CEDAR CANYON 21-22 FED 34H SOUTH  
7/27/20





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

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November 11, 2021

Cliff Brunson  
BBC International, Inc.  
P.O. Box 805  
Hobbs, NM 88241

RE: CEDAR CANYON 21-22 FED #34H SOUTH

Enclosed are the results of analyses for samples received by the laboratory on 11/09/21 10:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>T</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 1 @ 2' (H213170-01)**

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	11/10/2021	ND	2.13	106	2.00	3.08	
Toluene*	<0.050	0.050	11/10/2021	ND	2.04	102	2.00	3.27	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	2.02	101	2.00	3.71	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	6.16	103	6.00	3.61	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 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	80.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	189	94.3	200	5.48	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	200	99.8	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 104 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

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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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 2 @ 2' (H213170-02)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2021	ND	2.13	106	2.00	3.08		
Toluene*	<0.050	0.050	11/10/2021	ND	2.04	102	2.00	3.27		
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	2.02	101	2.00	3.71		
Total Xylenes*	<0.150	0.150	11/10/2021	ND	6.16	103	6.00	3.61		
Total BTEX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 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	64.0	16.0	11/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	189	94.3	200	5.48		
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	200	99.8	200	2.50		
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND						

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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\*=Accredited Analyte

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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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 3 @ 2' (H213170-03)**

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	11/10/2021	ND	2.13	106	2.00	3.08		
Toluene*	<0.050	0.050	11/10/2021	ND	2.04	102	2.00	3.27		
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	2.02	101	2.00	3.71		
Total Xylenes*	<0.150	0.150	11/10/2021	ND	6.16	103	6.00	3.61		
Total BTEX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 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	11/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	189	94.3	200	5.48		
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	200	99.8	200	2.50		
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND						

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 105 % 38.9-142

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\*=Accredited Analyte

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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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 4 @ 2' (H213170-04)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2021	ND	1.93	96.5	2.00	3.97		
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33		
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30		
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82		
Total BTEX	<0.300	0.300	11/10/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	189	94.3	200	5.48		
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	200	99.8	200	2.50		
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND						

Surrogate: 1-Chlorooctane 97.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.1 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 5 @ 2' (H213170-05)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2021	ND	1.93	96.5	2.00	3.97		
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33		
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30		
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82		
Total BTEX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	11/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	189	94.3	200	5.48		
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	200	99.8	200	2.50		
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND						

Surrogate: 1-Chlorooctane 95.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.5 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 6 @ 2' (H213170-06)**

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	11/10/2021	ND	1.93	96.5	2.00	3.97	
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	48.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	189	94.3	200	5.48	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	200	99.8	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 98.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.9 % 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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 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 7 @ 2' (H213170-07)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.93	96.5	2.00	3.97	
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	64.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 86.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.3 % 38.9-142

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**Analytical Results For:**

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

Received:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 8 @ 2' (H213170-08)**

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	11/10/2021	ND	1.93	96.5	2.00	3.97		
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33		
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30		
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82		
Total BTEX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	64.0	16.0	11/10/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745		
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164		
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND						

Surrogate: 1-Chlorooctane 86.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.9 % 38.9-142

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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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 9 @ 2' (H213170-09)**

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	11/10/2021	ND	1.93	96.5	2.00	3.97	
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	64.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.2 % 38.9-142

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**Analytical Results For:**

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

Received:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 10 @ 2' (H213170-10)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.93	96.5	2.00	3.97	
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82	
Total BTEX	<0.300	0.300	11/10/2021	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
<b>Chloride</b>	<b>32.0</b>	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 90.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 11 @ 2' (H213170-11)**

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	11/10/2021	ND	1.93	96.5	2.00	3.97	
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 87.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.6 % 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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 Fax To: (575) 397-0397

Received:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 12 @ 2' (H213170-12)**

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	11/10/2021	ND	1.93	96.5	2.00	3.97	
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82	
Total BTEX	<0.300	0.300	11/10/2021	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
<b>Chloride</b>	<b>48.0</b>	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 92.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.9 % 38.9-142

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\*=Accredited Analyte

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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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 13 @ 2' (H213170-13)**

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	11/10/2021	ND	1.93	96.5	2.00	3.97	
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 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	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 81.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.5 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 14 @ 2' (H213170-14)**

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	11/10/2021	ND	1.93	96.5	2.00	3.97	
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	80.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.2 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 15 @ 2' (H213170-15)**

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	11/10/2021	ND	1.93	96.5	2.00	3.97	
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	32.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 89.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.0 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 16 @ 2' (H213170-16)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.93	96.5	2.00	3.97	
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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
<b>Chloride</b>	<b>48.0</b>	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 90.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 100 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 17 @ 2' (H213170-17)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.93	96.5	2.00	3.97	
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.6 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 18 @ 2' (H213170-18)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.93	96.5	2.00	3.97	
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	32.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 93.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.6 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 19 @ 2' (H213170-19)**

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	11/10/2021	ND	1.93	96.5	2.00	3.97	
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	64.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 90.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.3 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 20 @ 2' (H213170-20)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.93	96.5	2.00	3.97	
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 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
<b>Chloride</b>	<b>16.0</b>	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 86.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.1 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 21 @ 2' (H213170-21)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.93	96.5	2.00	3.97	
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 86.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.3 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 22 @ 2' (H213170-22)**

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	11/10/2021	ND	1.93	96.5	2.00	3.97	
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	64.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 92.7 % 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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**Analytical Results For:**

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

Received:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 23 @ 2' (H213170-23)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.93	96.5	2.00	3.97	
Toluene*	<0.050	0.050	11/10/2021	ND	1.93	96.6	2.00	4.33	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.0	2.00	4.30	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.76	96.0	6.00	4.82	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 91.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.1 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 24 @ 3' (H213170-24)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 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	80.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 96.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.0 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 25 @ 3' (H213170-25)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 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	112	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 91.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.5 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 26 @ 3' (H213170-26)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 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	80.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	216	108	200	0.0745	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	199	99.3	200	0.164	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 109 % 44.3-133

Surrogate: 1-Chlorooctadecane 109 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 27 @ 3' (H213170-27)**

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	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 89.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.8 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 28 @ 3' (H213170-28)**

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	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 78.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.2 % 38.9-142

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\*=Accredited Analyte

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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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 29 @ 3' (H213170-29)**

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	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 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	96.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 94.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.7 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 30 @ 3' (H213170-30)**

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	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 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	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 83.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.4 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 31 @ 3' (H213170-31)**

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	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 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
<b>Chloride</b>	<b>16.0</b>	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 83.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.1 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 32 @ 3' (H213170-32)**

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	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 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	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 84.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.9 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 33 @ 3' (H213170-33)**

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	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 84.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.8 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 34 @ 3' (H213170-34)**

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	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 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	96.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 72.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.2 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 35 @ 3' (H213170-35)**

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	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 92.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.8 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 36 @ 3' (H213170-36)**

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	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 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
<b>Chloride</b>	<b>128</b>	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 88.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.1 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 37 @ 3' (H213170-37)**

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	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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	112	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 60.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 60.2 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 38 @ 3' (H213170-38)**

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	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 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	96.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 77.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.0 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 39 @ 3' (H213170-39)**

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	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 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	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 94.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.9 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 40 @ 3' (H213170-40)**

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	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 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	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 104 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 41 @ 3' (H213170-41)**

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	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/10/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 76.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.1 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 42 @ 3' (H213170-42)**

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	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 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	32.0	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 89.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.6 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 43 @ 3' (H213170-43)**

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	11/10/2021	ND	1.97	98.4	2.00	5.54	
Toluene*	<0.050	0.050	11/10/2021	ND	1.92	96.2	2.00	4.62	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.90	95.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.81	96.9	6.00	4.48	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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	128	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 91.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.8 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 44 @ 3' (H213170-44)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 104 % 38.9-142

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

Received:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 45 @ 3' (H213170-45)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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
<b>Chloride</b>	<b>112</b>	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.8 % 38.9-142

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\*=Accredited Analyte

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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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 46 @ 3' (H213170-46)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	48.0	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	220	110	200	14.4	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	220	110	200	16.1	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 89.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.1 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 47 @ 4' (H213170-47)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 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
<b>Chloride</b>	<b>80.0</b>	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	212	106	200	1.77	QM-07
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 92.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.6 % 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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 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 48 @ 4' (H213170-48)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 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	32.0	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 94.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.4 % 38.9-142

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**Analytical Results For:**

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

Received:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 49 @ 4' (H213170-49)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 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	112	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 95.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.3 % 38.9-142

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**Analytical Results For:**

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

Received:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 50 @ 4' (H213170-50)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 94.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.4 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 51 @ 4' (H213170-51)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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
<b>Chloride</b>	<b>80.0</b>	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 52 @ 4' (H213170-52)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>96.0</b>	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 100 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.8 % 38.9-142

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**Analytical Results For:**

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 Fax To: (575) 397-0397

Received:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 53 @ 4' (H213170-53)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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
<b>Chloride</b>	<b>80.0</b>	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 93.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 54 @ 4' (H213170-54)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 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	80.0	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 96.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.7 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 55 @ 4' (H213170-55)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	80.0	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 87.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.9 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 56 @ 4' (H213170-56)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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
<b>Chloride</b>	<b>112</b>	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 95.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.7 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 57 @ 4' (H213170-57)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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
<b>Chloride</b>	<b>112</b>	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 92.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.7 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 58 @ 4' (H213170-58)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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
<b>Chloride</b>	<b>160</b>	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 92.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.2 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 59 @ 4' (H213170-59)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 100 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 60 @ 4' (H213170-60)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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
<b>Chloride</b>	<b>80.0</b>	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 92.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.3 % 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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 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 61 @ 4' (H213170-61)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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
<b>Chloride</b>	<b>96.0</b>	16.0	11/10/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 78.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.0 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 62 @ 4' (H213170-62)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 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	112	16.0	11/10/2021	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	11/11/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 92.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.0 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 63 @ 4' (H213170-63)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	1.89	94.5	2.00	8.18	
Toluene*	<0.050	0.050	11/10/2021	ND	1.91	95.3	2.00	6.38	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.87	93.7	2.00	5.81	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.68	94.7	6.00	5.04	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 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
<b>Chloride</b>	<b>80.0</b>	16.0	11/10/2021	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	11/11/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 93.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.4 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 64 @ 4' (H213170-64)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/10/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/10/2021	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	11/11/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 91.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.5 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 65 @ 4' (H213170-65)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/10/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	80.0	16.0	11/10/2021	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	11/11/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 93.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.3 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 66 @ 4' (H213170-66)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/10/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	112	16.0	11/10/2021	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	11/11/2021	ND	212	106	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	222	111	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 93.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.3 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 67 @ 4' (H213170-67)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/10/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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
<b>Chloride</b>	<b>96.0</b>	16.0	11/10/2021	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	11/10/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 89.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.2 % 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:	11/09/2021	Sampling Date:	11/03/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 68 @ 4' (H213170-68)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/10/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	80.0	16.0	11/10/2021	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	11/10/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.9 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 69 @ 5' (H213170-69)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/10/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/10/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/10/2021	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	11/10/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 92.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.3 % 38.9-142

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\*=Accredited Analyte

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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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 70 @ 5' (H213170-70)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/10/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 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
<b>Chloride</b>	<b>96.0</b>	16.0	11/10/2021	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	11/10/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 91.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.1 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 71 @ 5' (H213170-71)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/10/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/10/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	11/10/2021	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	11/10/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 96.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.7 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 72 @ 5' (H213170-72)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/10/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	112	16.0	11/10/2021	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	11/10/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 95.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.8 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 73 @ 5' (H213170-73)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/10/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/10/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/10/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 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	96.0	16.0	11/10/2021	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	11/10/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.4 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 74 @ 5' (H213170-74)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/11/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 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	80.0	16.0	11/10/2021	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	11/10/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 94.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.7 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 75 @ 5' (H213170-75)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/11/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 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	80.0	16.0	11/10/2021	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	11/10/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 85.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.3 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 76 @ 5' (H213170-76)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/11/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	96.0	16.0	11/10/2021	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	11/10/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 100 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.8 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 77 @ 5' (H213170-77)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/11/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/10/2021	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	11/11/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 85.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.1 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 78 @ 5' (H213170-78)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/11/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 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	112	16.0	11/10/2021	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	11/11/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 90.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.4 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 79 @ 5' (H213170-79)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/11/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	80.0	16.0	11/10/2021	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	11/11/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.3 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 80 @ 5' (H213170-80)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/11/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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	80.0	16.0	11/10/2021	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	11/11/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 88.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.6 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 81 @ 5' (H213170-81)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/11/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 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	96.0	16.0	11/10/2021	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	11/11/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 87.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.6 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 82 @ 5' (H213170-82)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/11/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/10/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 87.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.3 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 83 @ 5' (H213170-83)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.02	101	2.00	0.0956	
Toluene*	<0.050	0.050	11/11/2021	ND	1.99	99.5	2.00	0.363	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	97.8	2.00	0.840	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.93	98.9	6.00	1.02	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	80.0	16.0	11/10/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 100 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 84 @ 5' (H213170-84)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	96.0	16.0	11/10/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 84.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.8 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 85 @ 5' (H213170-85)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 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	112	16.0	11/10/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 92.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.8 % 38.9-142

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

Received:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 86 @ 5' (H213170-86)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/10/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	207	103	200	4.02	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	212	106	200	0.433	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.2 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 87 @ 5' (H213170-87)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 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	96.0	16.0	11/10/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	223	111	200	1.89	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	212	106	200	0.995	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 75.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.4 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 88 @ 5' (H213170-88)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	112	16.0	11/10/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	223	111	200	1.89	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	212	106	200	0.995	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 82.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.9 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: BOTTOM 89 @ 5' (H213170-89)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 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	112	16.0	11/10/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/10/2021	ND	223	111	200	1.89	
DRO >C10-C28*	<10.0	10.0	11/10/2021	ND	212	106	200	0.995	
EXT DRO >C28-C36	<10.0	10.0	11/10/2021	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-04            The RPD for the BS/BSD was outside of historical limits.
- QM-07            The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND                Analyte NOT DETECTED at or above the reporting limit
- RPD                Relative Percent Difference
- \*\*                 Samples not received at proper temperature of 6°C or below.
- \*\*\*                Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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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: CEDAR CANYON 21-22 FED 34H SOUTH (7/27/20) Project Location: NEW MEXICO Sampler Name: ROGER HERNANDEZ		P.O. #: _____ Company: <u>Oxy</u> Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____										
Relinquished By: <u>[Signature]</u> Date: <u>11-5-21</u> Time: <u>5:00</u>		Received By: <u>[Signature]</u> Date: <u>11-9-21</u> Time: <u>10:30</u>										
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <u>9.66 C-0.52</u> -10.12 #113		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Checked By: <u>[Signature]</u> (Initials)										
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Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	CL	BTEX	TPH	EXT
<u>H213170</u>	BOTTOM 1 @ 2'		<u>5</u>	GROUNDWATER			11/3/21	9:00AM	✓	✓	✓	✓
	BOTTOM 2 @ 2'			WASTEWATER			11/3/21	9:10AM	✓	✓	✓	✓
	BOTTOM 3 @ 2'			SOIL			11/3/21	9:20AM	✓	✓	✓	✓
	BOTTOM 4 @ 2'			OIL			11/3/21	9:30AM	✓	✓	✓	✓
	BOTTOM 5 @ 2'			SLUDGE			11/3/21	9:40AM	✓	✓	✓	✓
	BOTTOM 6 @ 2'			OTHER :			11/3/21	9:50AM	✓	✓	✓	✓
	BOTTOM 7 @ 2'			ACID/BASE:			11/3/21	10:00AM	✓	✓	✓	✓
	BOTTOM 8 @ 2'			ICE / COOL			11/3/21	10:10AM	✓	✓	✓	✓
	BOTTOM 9 @ 2'			OTHER :			11/3/21	10:20AM	✓	✓	✓	✓
	BOTTOM 10 @ 2'						11/3/21	10:30AM	✓	✓	✓	✓
Relinquished By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____										
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: _____												

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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: CEDAR CANYON 21-22 FED 34H SOUTH (7/27/20) Project Location: NEW MEXICO Sampler Name: ROGER HERNANDEZ		State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		<b>BILL TO</b> P.O. #: _____ Company: <u>Oxy</u> Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. <u>H213170</u> Sample I.D. _____		(G)RAB OR (C)OMP. _____ # CONTAINERS _____ GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____		MATRIX _____ PRESERV _____ SAMPLING _____	
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Relinquished By: <u>PSH</u> Date: <u>11-9-21</u> Time: <u>5:00</u>	Received By: <u>[Signature]</u> Date: <u>11-9-21</u> Time: <u>5:00</u>	Relinquished By: <u>[Signature]</u> Date: <u>11-9-21</u> Time: <u>5:00</u>	Received By: <u>[Signature]</u> Date: <u>11-9-21</u> Time: <u>5:00</u>	Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <u>[Signature]</u> (Initials) <u>YO.</u>
REMARKS: _____ Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____					

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc.  
 Project Manager: Cliff Brunson  
 Address: P.O. Box 805  
 City: Hobbs State: NM Zip: 88241  
 Phone #: 575-397-6388 Fax #: 575-397-0397  
 Project #: Project Owner: Oxy  
 Project Name: CEDAR CANYON 21-22 FED 34H SOUTH (7/27/20)  
 Project Location: NEW MEXICO  
 Sampler Name: ROGER HERNANDEZ  
 P.O. #: Company: Oxy  
 Attn: Address: City: State: Zip: Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H21317D	BOTTOM 51 @ 4'		1							11/3/21	2:10PM	✓	✓	✓
	BOTTOM 52 @ 4'									11/3/21	2:15PM	✓	✓	✓
	BOTTOM 53 @ 4'									11/3/21	2:20PM	✓	✓	✓
	BOTTOM 54 @ 4'									11/3/21	2:25PM	✓	✓	✓
	BOTTOM 55 @ 4'									11/3/21	2:30PM	✓	✓	✓
	BOTTOM 56 @ 4'									11/3/21	2:35PM	✓	✓	✓
	BOTTOM 57 @ 4'									11/3/21	2:40PM	✓	✓	✓
	BOTTOM 58 @ 4'									11/3/21	2:45PM	✓	✓	✓
	BOTTOM 59 @ 4'									11/3/21	2:50PM	✓	✓	✓
	BOTTOM 60 @ 4'									11/3/21	2:55PM	✓	✓	✓

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Retinquished By: [Signature] Date: 11/5/21 Time: 5:00  
 Received By: [Signature] Date: 11/9/21 Time: 10:30  
 Delivered By: (Circle One) [Signature] -9.6°C -0.5°C  
 Sampler - UPS - Bus - Other: [Signature] -10.1°C #113  
 Sample Condition: Intact [X] Yes [ ] No  
 Cool [X] Yes [ ] No  
 CHECKED BY: [Signature] (Initials) [Signature]

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Phone Result:  Yes  No  
 Fax Result:  Yes  No  
 Add'l Phone #: \_\_\_\_\_  
 Add'l Fax #: \_\_\_\_\_  
 REMARKS:



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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 State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: CEDAR CANYON 21-22 FED 34H SOUTH (7/27/20) Project Location: NEW MEXICO Sampler Name: ROGER HERNANDEZ				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>									
				P.O. #:		Company:											
				Attn:		Address:											
				City:		State:		Zip:									
				Fax #:		Phone #:											
FOR LAB USE ONLY																	
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	CL	BTEX	TPH Ext
H213170	BOTTOM 61 @ 4'		1										11/3/21	3:00PM	✓	✓	✓
	BOTTOM 62 @ 4'		1										11/3/21	3:05PM	✓	✓	✓
	BOTTOM 63 @ 4'		1										11/3/21	3:10PM	✓	✓	✓
	BOTTOM 64 @ 4'		1										11/3/21	3:15PM	✓	✓	✓
	BOTTOM 65 @ 4'		1										11/3/21	3:20PM	✓	✓	✓
	BOTTOM 66 @ 4'		1										11/3/21	3:25PM	✓	✓	✓
	BOTTOM 67 @ 4'		1										11/3/21	3:30PM	✓	✓	✓
	BOTTOM 68 @ 4'		1										11/3/21	3:35PM	✓	✓	✓
	BOTTOM 69 @ 5'		1										11/4/21	9:00AM	✓	✓	✓
	BOTTOM 70 @ 5'		1										11/4/21	9:05AM	✓	✓	✓

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Relinquished By: <i>RKH</i> Date: 11-5-21 Time: 5:00	Received By: <i>Juanita</i> Date: 11-9-21 Time: 10:30
Delivered By: (Circle One) Sampler -UPS - Bus - Other:	Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CHECKED BY: (Initials) <i>JD</i>	

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



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: CEDAR CANYON 21-22 FED 34H SOUTH (7/27/20) Project Location: NEW MEXICO Sampler Name: ROGER HERNANDEZ		State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		<b>BILL TO</b> P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		<b>ANALYSIS REQUEST</b>	
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	
		GROUNDWATER		WASTEWATER			
		SOIL		OIL			
		SLUDGE		OTHER :			
		ACID/BASE:		ICE / COOL			
		OTHER :					
		DATE	TIME				
H213170	BOTTOM 71 @ 5'	11/4/21	9:10AM				CL
71	BOTTOM 72 @ 5'	11/4/21	9:15AM				BTEX
72	BOTTOM 73 @ 5'	11/4/21	9:20AM				TPH EXT
73	BOTTOM 74 @ 5'	11/4/21	9:25AM				
74	BOTTOM 75 @ 5'	11/4/21	9:30AM				
75	BOTTOM 76 @ 5'	11/4/21	9:35AM				
76	BOTTOM 77 @ 5'	11/4/21	9:40AM				
77	BOTTOM 78 @ 5'	11/4/21	9:45AM				
78	BOTTOM 79 @ 5'	11/4/21	9:50AM				
79	BOTTOM 80 @ 5'	11/4/21	9:55AM				
80							

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Relinquished By: <i>[Signature]</i>	Date: 11-9-21	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No
Relinquished By: <i>[Signature]</i>	Date: 11-9-21	Received By: <i>[Signature]</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No
Delivered By: (Circle One) <i>[Signature]</i>	Date: 11-9-21	Time: 10:30	Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Impact
Sampler - UPS - Bus - Other: <i>[Signature]</i>	Date: 11-9-21	Time: 10:30	Cool Impact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
			Checked By: <i>[Signature]</i>
			REMARKS:

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BGC International, Inc. P.O. #:  
 Project Manager: Cliff Brunson Company: *Oxy*  
 Address: P.O. Box 805 Attn:  
 City: Hobbs State: NM Zip: 88241 Address:  
 Phone #: 575-397-6388 Fax #: 575-397-0397  
 Project #: Project Owner: Oxy  
 Project Name: CEDAR CANYON 21-22 FED 34H SOUTH (7/27/20) City: State: Zip:  
 Project Location: NEW MEXICO Phone #: Fax #:  
 Sampler Name: ROGER HERNANDEZ

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	AC	BTEX	TPH	EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						
<i>H213170</i>	81	BOTTOM 81 @ 5'								11/4/21	10:00AM	✓	✓	✓	✓
	82	BOTTOM 82 @ 5'								11/4/21	10:05AM	✓	✓	✓	✓
	83	BOTTOM 83 @ 5'								11/4/21	10:10AM	✓	✓	✓	✓
	84	BOTTOM 84 @ 5'								11/4/21	10:15AM	✓	✓	✓	✓
	85	BOTTOM 85 @ 5'								11/4/21	10:20AM	✓	✓	✓	✓
	86	BOTTOM 86 @ 5'								11/4/21	10:25AM	✓	✓	✓	✓
	87	BOTTOM 87 @ 5'								11/4/21	10:30AM	✓	✓	✓	✓
	88	BOTTOM 88 @ 5'								11/4/21	10:35AM	✓	✓	✓	✓
	89	BOTTOM 89 @ 5'								11/4/21	10:40AM	✓	✓	✓	✓

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Relinquished By: *[Signature]* Date: *11.5.21* Received By: *[Signature]* Date: *11.9.21*  
 Time: *5:06* Time: *10:30*  
 Delivered By: (Circle One) *UPS* *9.6.20-0.52* *10.10.21 #113* *Y.S.*  
 Sampler - UPS  Bus - Other:  Sample Condition:  Intact  Cool  Yes  No  Yes  No  
 CHECKED BY: (Initials)

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November 11, 2021

Cliff Brunson  
BBC International, Inc.  
P.O. Box 805  
Hobbs, NM 88241

RE: CEDAR CANYON 21-22 FED #34H SOUTH

Enclosed are the results of analyses for samples received by the laboratory on 11/09/21 10:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>T</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 1 (H213174-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/11/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	223	111	200	1.89	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	212	106	200	0.995	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 72.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.3 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

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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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 2 (H213174-02)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	128	16.0	11/11/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	223	111	200	1.89	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	212	106	200	0.995	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 84.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.6 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

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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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 3 (H213174-03)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659		
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167		
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544		
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599		
Total BTEX	<0.300	0.300	11/11/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	112	16.0	11/11/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	215	107	200	0.786		
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859		
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND						

Surrogate: 1-Chlorooctane 78.8 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 4 (H213174-04)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	96.0	16.0	11/11/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 77.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.3 % 38.9-142

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\* = Accredited Analyte

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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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>T</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 5 (H213174-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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	96.0	16.0	11/11/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 82.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.4 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

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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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 6 (H213174-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 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	112	16.0	11/11/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.7 % 38.9-142

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\* = Accredited Analyte

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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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 7 (H213174-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 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	112	16.0	11/11/2021	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	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 82.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.7 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 8 (H213174-08)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	80.0	16.0	11/11/2021	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	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 68.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 64.7 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>T</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 9 (H213174-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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	96.0	16.0	11/11/2021	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	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 84.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.6 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 10 (H213174-10)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 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	112	16.0	11/11/2021	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	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 74.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 70.8 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 11 (H213174-11)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659		
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167		
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544		
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599		
Total BTEX	<0.300	0.300	11/11/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	96.0	16.0	11/11/2021	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	11/11/2021	ND	215	107	200	0.786		
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859		
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND						

Surrogate: 1-Chlorooctane 70.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 67.4 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 12 (H213174-12)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 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	96.0	16.0	11/11/2021	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	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 68.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 65.6 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 13 (H213174-13)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 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	80.0	16.0	11/11/2021	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	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 81.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.4 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 14 (H213174-14)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.01	101	2.00	0.659	
Toluene*	<0.050	0.050	11/11/2021	ND	2.01	100	2.00	0.167	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.96	98.2	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.96	99.3	6.00	0.599	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	112	16.0	11/11/2021	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	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.3 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 15 (H213174-15)**

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	11/11/2021	ND	2.02	101	2.00	3.32	
Toluene*	<0.050	0.050	11/11/2021	ND	1.88	94.1	2.00	4.08	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.89	94.5	2.00	3.09	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.78	96.3	6.00	3.11	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 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	96.0	16.0	11/11/2021	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	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 82.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.6 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 16 (H213174-16)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.02	101	2.00	3.32	
Toluene*	<0.050	0.050	11/11/2021	ND	1.88	94.1	2.00	4.08	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.89	94.5	2.00	3.09	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.78	96.3	6.00	3.11	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 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	112	16.0	11/11/2021	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	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 98.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.3 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 17 (H213174-17)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.02	101	2.00	3.32	
Toluene*	<0.050	0.050	11/11/2021	ND	1.88	94.1	2.00	4.08	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.89	94.5	2.00	3.09	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.78	96.3	6.00	3.11	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	80.0	16.0	11/11/2021	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	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 91.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.4 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 18 (H213174-18)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.02	101	2.00	3.32	
Toluene*	<0.050	0.050	11/11/2021	ND	1.88	94.1	2.00	4.08	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.89	94.5	2.00	3.09	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.78	96.3	6.00	3.11	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 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	96.0	16.0	11/11/2021	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	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 59.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 57.3 % 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:	11/09/2021	Sampling Date:	11/04/2021
Reported:	11/11/2021	Sampling Type:	Soil
Project Name:	CEDAR CANYON 21-22 FED #34H SOU <sup>†</sup>	Sampling Condition:	Cool & Intact
Project Number:	( 7-27-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

**Sample ID: SIDEWALL 19 (H213174-19)**

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	11/11/2021	ND	2.02	101	2.00	3.32	
Toluene*	<0.050	0.050	11/11/2021	ND	1.88	94.1	2.00	4.08	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.89	94.5	2.00	3.09	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.78	96.3	6.00	3.11	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 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	96.0	16.0	11/11/2021	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	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 76.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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*Celey D. Keene*

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.  
 Project Manager: Cliff Brunson  
 Address: P.O. Box 805  
 City: Hobbs  
 State: NM Zip: 88241  
 Phone #: 575-397-6388 Fax #: 575-397-0397  
 Project #: Project Owner: Oxy  
 Project Name: CEDAR CANYON 21-22 FED 34H SOUTH (7/27/20)  
 Project Location: NEW MEXICO  
 Sampler Name: ROGER HERNANDEZ  
 P.O. #:   
 Company: Oxy  
 Attn:   
 Address:   
 City:   
 State: Zip:   
 Phone #:   
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CHECKED BY (Initials)	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :				
H215174	SIDEWALL 1								11/4/21	10:45AM			
	SIDEWALL 2								11/4/21	10:50AM			
	SIDEWALL 3								11/4/21	10:55AM			
	SIDEWALL 4								11/4/21	11:00AM			
	SIDEWALL 5								11/4/21	11:05AM			
	SIDEWALL 6								11/4/21	11:10AM			
	SIDEWALL 7								11/4/21	11:15AM			
	SIDEWALL 8								11/4/21	11:20AM			
	SIDEWALL 9								11/4/21	11:25AM			
	SIDEWALL 10								11/4/21	11:30AM			

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Relinquished By: *[Signature]* Date: 11-5-21 Time: 5:00  
 Received By: *[Signature]* Date: 11-9-21 Time: 10:30  
 Delivered By: (Circle One) UPS - Bus - Other: *[Signature]* -9.6630-0.58  
 Sampler - UPS - Bus - Other: *[Signature]* -10.12 #113

Sample Condition:  Intact  Cool  Yes  No  
 CHECKED BY: *[Signature]*  
 Phone Result:  Yes  No Add'l Phone #:   
 Fax Result:  Yes  No Add'l Fax #:   
 REMARKS:

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





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USGS Water Resources

Data Category: Groundwater Geographic Area: New Mexico GO

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Agency code = usgs  
site\_no list = 321157104000601

Minimum number of levels = 1  
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USGS 321157104000601 24S.29E.20.432A

Eddy County, New Mexico  
Latitude 32°11'54", Longitude 104°00'09" NAD27  
Land-surface elevation 2,955 feet above NGVD29  
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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
1975-07-14		D	55.9			1		Z	USGS	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	1	Water level accuracy to nearest tenth 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.

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170  
**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 93226

**CONDITIONS**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 93226
	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 #NRM2022459251 CEDAR CANYON 21-22 FED 34H, thank you. This closure is approved.	4/25/2022