

Form C-141

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State of New Mexico
Oil Conservation Division

Incident ID	NRM2022459251
District RP	
Facility ID	
Application ID	

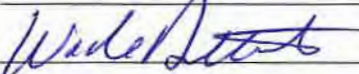
Closure

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

Released to Imaging: 4/25/2022 1:53:54 PM
 CEDAR CANYON 21-22 FED 344 (7.25.20)

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

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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

Form C-141

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Oil Conservation Division

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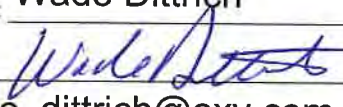
Closure

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- ☐ Description of remediation activities

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

OCD Only

Received by: _____ Date: _____

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Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

From: [Cliff Brunson](#)
To: ["Enviro. OCD, EMNRD"](#)
Cc: ["Wade Dittich"](#); [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](#)

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
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E-Mail: cbrunson@bbcinternational.com



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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

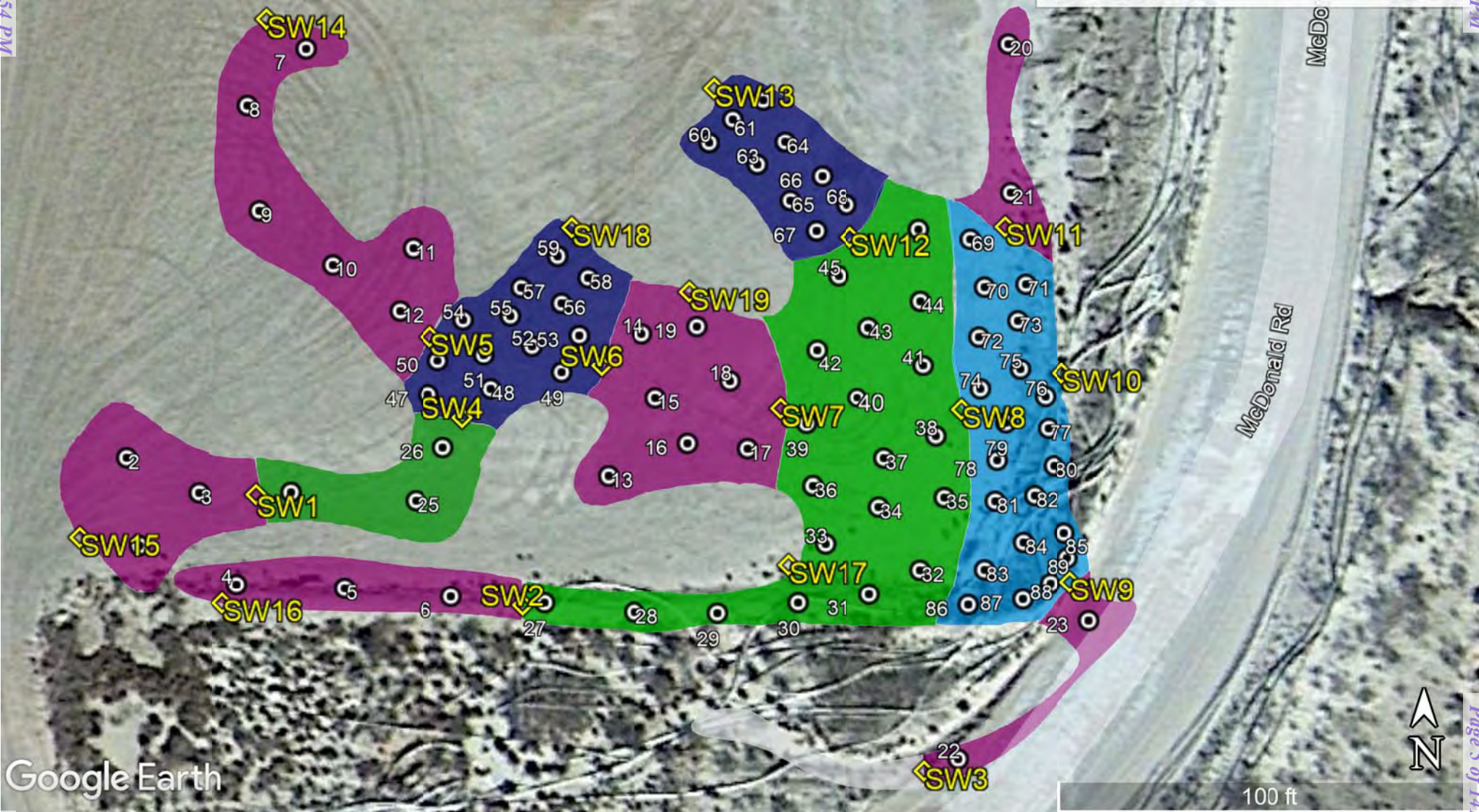
4 ft Excavation

5 ft Excavation

Bottom Confirmation Sample Points

Sidewall Confirmation Sample Points

Zero Remediation



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	N32.198234	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	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	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	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		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	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	<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	SM4500Cl-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	SM4500Cl-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	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	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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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	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

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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	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, 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	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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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	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, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	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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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	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, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	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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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	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.
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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 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, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	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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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	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, 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 86.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.3 % 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	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, 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 86.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.9 % 38.9-142

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Analytical Results For:

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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 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, 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 86.8 % 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
 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 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, 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 90.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.1 % 38.9-142

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Analytical Results For:

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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 11 @ 2' (H213170-11)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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	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	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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Analytical Results For:

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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 12 @ 2' (H213170-12)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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	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	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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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	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, 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 81.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.5 % 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	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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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:

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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	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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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	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, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	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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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	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, 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 86.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.6 % 38.9-142

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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	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, 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 93.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.6 % 38.9-142

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Analytical Results For:

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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 19 @ 2' (H213170-19)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	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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Analytical Results For:

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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 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, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	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



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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	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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	11/10/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	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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 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 22 @ 2' (H213170-22)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	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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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	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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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 [†]	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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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	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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	11/10/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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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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	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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	11/10/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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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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	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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	11/10/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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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Analytical Results For:

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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 28 @ 3' (H213170-28)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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	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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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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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	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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	11/10/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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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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	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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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
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 83.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.1 % 38.9-142

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Analytical Results For:

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

Received:	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 32 @ 3' (H213170-32)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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	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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	11/10/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	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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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	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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	11/10/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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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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	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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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	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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	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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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 37 @ 3' (H213170-37)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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	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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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	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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	11/10/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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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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	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:

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 Cliff Brunson
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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 40 @ 3' (H213170-40)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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Analytical Results For:

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 Cliff Brunson
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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 41 @ 3' (H213170-41)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	11/10/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	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:

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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	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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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.
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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 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, 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	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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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 44 @ 3' (H213170-44)

BTX 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 BTX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	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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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	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)

BTX 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 BTX	<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	
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	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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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	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)

BTX 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 BTX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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:

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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 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, SM4500CI-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	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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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	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)

BTX 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 BTX	<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:

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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	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)

BTX 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 BTX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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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 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 50 @ 4' (H213170-50)

BTX 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 BTX	<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	
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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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	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)

BTX 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 BTX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 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	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)

BTX 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 BTX	<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	
Chloride	96.0	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 100 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.8 % 38.9-142

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Analytical Results For:

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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 53 @ 4' (H213170-53)

BTX 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 BTX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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	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 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	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)

BTX 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 BTX	<0.300	0.300	11/10/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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	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)

BTX 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 BTX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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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 56 @ 4' (H213170-56)

BTX 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 BTX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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 95.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.7 % 38.9-142

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Analytical Results For:

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

Received:	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 57 @ 4' (H213170-57)

BTX 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 BTX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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 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	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)

BTX 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 BTX	<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	160	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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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	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)

BTX 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 BTX	<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	
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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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	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)

BTX 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 BTX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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 92.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.3 % 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	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)

BTX 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 BTX	<0.300	0.300	11/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	96.0	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 78.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.0 % 38.9-142

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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 62 @ 4' (H213170-62)

BTX 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 BTX	<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	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)

BTX 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 BTX	<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	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 93.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.4 % 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	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)

BTX 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 BTX	<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:

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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	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)

BTX 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 BTX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	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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Analytical Results For:

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 Cliff Brunson
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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 66 @ 4' (H213170-66)

BTX 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 BTX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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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Analytical Results For:

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 Cliff Brunson
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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 67 @ 4' (H213170-67)

BTX 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 BTX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	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 89.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.2 % 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	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)

BTX 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 BTX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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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	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)

BTX 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 BTX	<0.300	0.300	11/10/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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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Analytical Results For:

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 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: 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, SM4500CI-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 91.0 % 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.
 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: 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, SM4500CI-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 96.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.7 % 38.9-142

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Analytical Results For:

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

Received:	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: BOTTOM 72 @ 5' (H213170-72)

BTX 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 BTX	<0.300	0.300	11/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	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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Analytical Results For:

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 Cliff Brunson
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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	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, SM4500CI-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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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: BOTTOM 74 @ 5' (H213170-74)

BTX 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 BTX	<0.300	0.300	11/11/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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:

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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	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)

BTX 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 BTX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 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	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	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)

BTX 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 BTX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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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Analytical Results For:

BBC International, Inc.
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 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: BOTTOM 77 @ 5' (H213170-77)

BTX 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 BTX	<0.300	0.300	11/11/2021	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
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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Analytical Results For:

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 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: 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



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	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)

BTX 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 BTX	<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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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: BOTTOM 80 @ 5' (H213170-80)

BTX 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 BTX	<0.300	0.300	11/11/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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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	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)

BTX 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 BTX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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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Analytical Results For:

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 Cliff Brunson
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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	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)

BTX 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 BTX	<0.300	0.300	11/11/2021	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
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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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: BOTTOM 83 @ 5' (H213170-83)

BTX 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 BTX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	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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Analytical Results For:

BBC International, Inc.
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 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: BOTTOM 84 @ 5' (H213170-84)

BTX 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 BTX	<0.300	0.300	11/11/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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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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: 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, 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 92.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.8 % 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:	11/04/2021
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: BOTTOM 86 @ 5' (H213170-86)

BTX 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 BTX	<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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Analytical Results For:

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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: 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



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	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, 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	11/10/2021	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	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, 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	11/10/2021	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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A handwritten signature in black ink, appearing to read "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.		BILL TO		ANALYSIS REQUEST											
Project Manager: Cliff Brunson		P.O. #:													
Address: P.O. Box 805		Company: Oxy													
City: Hobbs		Attn:													
State: NM Zip: 88241		Address:													
Phone #: 575-397-6388 Fax #: 575-397-0397		City:													
Project #:		State:													
Project Name: CEDAR CANYON 21-22 FED 34H SOUTH (7/27/20)		Zip:													
Project Location: NEW MEXICO		Phone #:													
Sampler Name: ROGER HERNANDEZ		Fax #:													
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 1 @ 2'		G		1		11/3/21		9:00AM		CL			
1		BOTTOM 2 @ 2'						11/3/21		9:10AM		✓			
2		BOTTOM 3 @ 2'						11/3/21		9:20AM		✓			
3		BOTTOM 4 @ 2'						11/3/21		9:30AM		✓			
4		BOTTOM 5 @ 2'						11/3/21		9:40AM		✓			
5		BOTTOM 6 @ 2'						11/3/21		9:50AM		✓			
6		BOTTOM 7 @ 2'						11/3/21		10:00AM		✓			
7		BOTTOM 8 @ 2'						11/3/21		10:10AM		✓			
8		BOTTOM 9 @ 2'						11/3/21		10:20AM		✓			
9		BOTTOM 10 @ 2'						11/3/21		10:30AM		✓			
10															
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Relinquished By:		Date: 11-5-21		Received By:		Date: 11-9-21		Time: 5:00		Time: 11:30		Received By:			
G.H.				J. Hernandez		J. Hernandez						J. Hernandez			
Relinquished By:		Date: 11-9-21		Received By:		Date: 11-9-21		Time: 5:00		Time: 11:30		Received By:			
J. Hernandez				J. Hernandez		J. Hernandez						J. Hernandez			
Delivered By: (Circle One)		-9.6°C - 0.5°C		-10.1°C #1/3		Sample Condition		Checked By:		Checked By:		Checked By:			
Sampler - UPS - Bus - Other:						Cool Intact		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
REMARKS:															
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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

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H213170

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	CL	BTEX	TPH EXT
31	BOTTOM 31 @ 3'			GROUNDWATER			11/3/21	12:30PM	✓	✓	✓
32	BOTTOM 32 @ 3'			WASTEWATER			11/3/21	12:35PM	✓	✓	✓
33	BOTTOM 33 @ 3'			SOIL			11/3/21	12:40PM	✓	✓	✓
34	BOTTOM 34 @ 3'			OIL			11/3/21	12:45PM	✓	✓	✓
35	BOTTOM 35 @ 3'			SLUDGE			11/3/21	12:50PM	✓	✓	✓
36	BOTTOM 36 @ 3'			OTHER :			11/3/21	12:55PM	✓	✓	✓
37	BOTTOM 37 @ 3'			ACID/BASE:			11/3/21	1:00PM	✓	✓	✓
38	BOTTOM 38 @ 3'			ICE / COOL			11/3/21	1:05PM	✓	✓	✓
39	BOTTOM 39 @ 3'			OTHER :			11/3/21	1:10PM	✓	✓	✓
40	BOTTOM 40 @ 3'						11/3/21	1:15PM	✓	✓	✓

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Relinquished By:

Date: 11/9/21

Time: 1:00

Received By:

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

Add'l Phone #:

Add'l Fax #:

REMARKS:

Relinquished By:

Date: 11-9-21

Time: 1:00

Received By:

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

Add'l Phone #:

Add'l Fax #:

REMARKS:

Delivered By: (Circle One)

Date: 11-9-21

Time: 1:00

Received By:

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

Add'l Phone #:

Add'l Fax #:

REMARKS:

Sampler - UPS - Bus - Other:

Date: 11-9-21

Time: 1:00

Received By:

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

Add'l Phone #:

Add'l Fax #:

REMARKS:

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Company Name: BBC International, Inc.										BILL TO										ANALYSIS REQUEST									
Project Manager: Cliff Brunson										P.O. #:																			
Address: P.O. Box 805										Company: Oxy																			
City: Hobbs										Attn:																			
Phone #: 575-397-6388										Address:																			
State: NM Zip: 88241																													
Fax #: 575-397-0397																													
Project #:										City:																			
Project Owner: Oxy										State:										Zip:									
Project Name: CEDAR CANYON 21-22 FED 34H SOUTH (7/27/20)										Phone #:																			
Project Location: NEW MEXICO										Fax #:																			
Sampler Name: ROGER HERNANDEZ																													
FOR LAB USE ONLY																													
Lab I.D.										Sample I.D.																			
H213170																													
41										BOTTOM 41 @ 3'																			
42										BOTTOM 42 @ 3'																			
43										BOTTOM 43 @ 3'																			
44										BOTTOM 44 @ 3'																			
45										BOTTOM 45 @ 3'																			
46										BOTTOM 46 @ 3'																			
47										BOTTOM 47 @ 4'																			
48										BOTTOM 48 @ 4'																			
49										BOTTOM 49 @ 4'																			
50										BOTTOM 50 @ 4'																			
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Relinquished By: [Signature]										Date: 11-5-21										Received By: [Signature]									
Relinquished By: [Signature]										Date: 11-9-21										Received By: [Signature]									
Delivered By: (Circle One) [Signature]										Date: 11-9-21										Received By: [Signature]									
Sampler - UPS - Bus - Other: [Signature]										Date: 11-9-21										Received By: [Signature]									
Sample Condition										Sample Condition										CHECKED BY: (Initials)									
Cool										Cool										Yes									
Intact										Intact										Yes									
Yes										Yes										Yes									
No										No										No									
No										No										No									
REMARKS:																													



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST											
Project Manager: Cliff Brunson		P.O. #:													
Address: P.O. Box 805		Company: <i>OKY</i>													
City: Hobbs		Attn:													
State: NM Zip: 88241		Address:													
Phone #: 575-397-6388 Fax #: 575-397-0397		City:													
Project #:		State:													
Project Name: CEDAR CANYON 21-22 FED 34H SOUTH (7/27/20)		Zip:													
Project Location: NEW MEXICO		Phone #:													
Sampler Name: ROGER HERNANDEZ		Fax #:													
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 :			
<i>H213170</i>	BOTTOM 61 @ 4'	<i>SI</i>													
<i>61</i>	BOTTOM 62 @ 4'														
<i>62</i>	BOTTOM 63 @ 4'														
<i>63</i>	BOTTOM 64 @ 4'														
<i>64</i>	BOTTOM 65 @ 4'														
<i>65</i>	BOTTOM 66 @ 4'														
<i>66</i>	BOTTOM 67 @ 4'														
<i>67</i>	BOTTOM 68 @ 4'														
<i>68</i>	BOTTOM 69 @ 5'														
<i>69</i>	BOTTOM 70 @ 5'														
<i>70</i>															

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Relinquished By:	Date: <i>11-5-21</i>	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
<i>RGH</i>	Time: <i>5:00</i>	<i>Jamesa Cleary</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Relinquished By:	Date: <i>11-9-21</i>	Received By:	REMARKS:
<i>Jamesa Cleary</i>	Time: <i>10:30</i>	<i>Jamesa Cleary</i>	
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)	
<i>Delivered</i>	<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact	<i>YD</i>	
Sampler - UPS - Bus - Other:	Sample Condition	CHECKED BY: (Initials)	
<i>-9.6 @ 5' C-0.5'</i>	<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact	<i>YD</i>	
<i>-10.1 @ #13</i>	<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact	<i>YD</i>	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:	
Project Manager: Cliff Brunson		Company:	
Address: P.O. Box 805		Attn:	
City: Hobbs	State: NM Zip: 88241	Address:	
Phone #: 575-397-6388	Fax #: 575-397-0397	City:	
Project #:	Project Owner: Oxy	State:	
Project Name: CEDAR CANYON 21-22 FED 34H SOUTH (7/27/20)		Zip:	
Project Location: NEW MEXICO		Phone #:	
Sampler Name: ROGER HERNANDEZ		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					
71	BOTTOM 71 @ 5'								11/4/21	9:10AM	✓	✓	✓
72	BOTTOM 72 @ 5'								11/4/21	9:15AM	✓	✓	✓
73	BOTTOM 73 @ 5'								11/4/21	9:20AM	✓	✓	✓
74	BOTTOM 74 @ 5'								11/4/21	9:25AM	✓	✓	✓
75	BOTTOM 75 @ 5'								11/4/21	9:30AM	✓	✓	✓
76	BOTTOM 76 @ 5'								11/4/21	9:35AM	✓	✓	✓
77	BOTTOM 77 @ 5'								11/4/21	9:40AM	✓	✓	✓
78	BOTTOM 78 @ 5'								11/4/21	9:45AM	✓	✓	✓
79	BOTTOM 79 @ 5'								11/4/21	9:50AM	✓	✓	✓
80	BOTTOM 80 @ 5'								11/4/21	9:55AM	✓	✓	✓

Relinquished By:	Date: 1/5/21	Received By:	Date: 1/5/21
Time: 9:00		Time: 9:30	
Delivered By: (Circle One)	-9.6.5°C-0.5°C	Sample Condition	CHECKED BY: (initials)
Sampler - UPS - Bus - Other:	-10.1°C #113	Cool Impact	
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

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



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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	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

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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 2 (H213174-02)

BTX 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 BTX	<0.300	0.300	11/11/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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

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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 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)

BTX 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 BTX	<0.300	0.300	11/11/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	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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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 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

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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 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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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 7 (H213174-07)

BTX 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 BTX	<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	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)

BTX 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 BTX	<0.300	0.300	11/11/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	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



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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 9 (H213174-09)

BTX 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 BTX	<0.300	0.300	11/11/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	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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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 10 (H213174-10)

BTX 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 BTX	<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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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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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	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)

BTX 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 BTX	<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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Analytical Results For:

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 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 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, SM4500CI-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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Analytical Results For:

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 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, SM4500CI-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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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 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, 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	11/11/2021	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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Analytical Results For:

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 Cliff Brunson
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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	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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Analytical Results For:

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

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST																											
Project Manager: Cliff Brunson		P.O. #:																													
Address: P.O. Box 805		Company:																													
City: Hobbs		Attn:																													
State: NM Zip: 88241		Address:																													
Phone #: 575-397-6388 Fax #: 575-397-0397		City:																													
Project #:		State:																													
Project Name: CEDAR CANYON 21-22 FED 34H SOUTH (7/27/20)		Zip:																													
Project Location: NEW MEXICO		Phone #:																													
Sampler Name: ROGER HERNANDEZ		Fax #:																													
FOR LAB USE ONLY		PRESERV		SAMPLING																											
Lab I.D.		(G)RAB OR (C)OMP.		MATRIX		DATE		TIME																							
Sample I.D.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :											
H213174		1																													
SIDEWALL 1		1																													
SIDEWALL 2		1																													
SIDEWALL 3		1																													
SIDEWALL 4		1																													
SIDEWALL 5		1																													
SIDEWALL 6		1																													
SIDEWALL 7		1																													
SIDEWALL 8		1																													
SIDEWALL 9		1																													
SIDEWALL 10		1																													

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Relinquished By:	Date: 11-5-21	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date: 11-9-21	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	Time: 10:30	Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact	REMARKS:	
Sampler - UPS - Bus - Other:	Time: 10:30	Checked By: (Initials)		

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



ORDINAL 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

P.O. #:

Company:

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

State: NM **Zip:** 88241

Fax #: 575-397-0397

Project Owner: Oxy

GRAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

Lab I.D.	Sample I.D.	DATE	TIME	MATRIX		PRESERV	SAMPLING	ANALYSIS REQUEST										
				GRAB OR (C)OMP.	# CONTAINERS			CL	BTEX	TPH	EXT							
H213174	SIDEWALL 11	11/4/21	11:35AM	✓	✓	✓	✓											
	SIDEWALL 12	11/4/21	11:40AM	✓	✓	✓	✓											
	SIDEWALL 13	11/4/21	11:45AM	✓	✓	✓	✓											
	SIDEWALL 14	11/4/21	11:50AM	✓	✓	✓	✓											
	SIDEWALL 15	11/4/21	11:55AM	✓	✓	✓	✓											
	SIDEWALL 16	11/4/21	1:00PM	✓	✓	✓	✓											
	SIDEWALL 17	11/4/21	1:05PM	✓	✓	✓	✓											
	SIDEWALL 18	11/4/21	1:10PM	✓	✓	✓	✓											
	SIDEWALL 19	11/4/21	1:15PM	✓	✓	✓	✓											

Relinquished By: [Signature] **Date:** 11-5-21 **Received By:** [Signature]

Relinquished By: [Signature] **Date:** 11-9-21 **Received By:** [Signature]

Delivered By: (Circle One) **-9.66 C-B.52** **Sample Condition** **CHECKED BY:** (Initials)

Sampler - UPS - Bus - Other: **-10.16 #113** **Cool** ☐ **Intact** ☐ **Yes** ☐ **No** ☐ **Yes** ☐ **No** ☐

REMARKS:

Phone Result: ☐ **Yes** ☐ **No** **Add'l Phone #:**

Fax Result: ☐ **Yes** ☐ **No** **Add'l Fax #:**



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 321157104000601

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

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

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

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement
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