

Closure Report

ID# nAB1731251644

Site Description

Site Name:	CEDAR CANYON 15 1 WTF
Company:	Oxy USA, Inc.
Legal Description:	U F, S 22, T24S, R29E
County:	EDDY
GPS Coordinates:	32.20593, -103.97307

Release Data

Date of Release:	11/1/2017
Type of Release:	PRODUCED WATER
Source of Release:	Transfer pump leaked when turned on with a closed valve-cracked header
Volume of Release:	22 BBLS
Volume Recovered:	20 BBLS

Remediation Specifications

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

Plan Sent to OCD:		2/20/2018
OCD Approval of Plan:		3/1/2018
Plan Sent to BLM:		2/20/2018
BLM Approval of Plan:		

Supporting Documentation

C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Closure photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report for	3/19/24-3/21/24, 3/26/24
Notifications		3/14/2024

Request for Closure

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

Cliff P. Brunson
President, BBC International, Inc.

3/28/2024

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

Incident ID	nAB1731251644
District RP	
Facility ID	
Application ID	

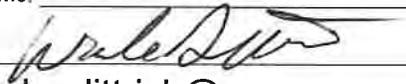
Closure

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: 3-19-24
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

OXY-CEDAR CANYON 15 1 WTF

LEAK DATE : 11/01/17
EDDY COUNTY , NM
ID# nAB1731251644

Legend

- BOTTOM CONFIRMATION SAMPLE POINTS
- 1' Excavation
- ▲ SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth



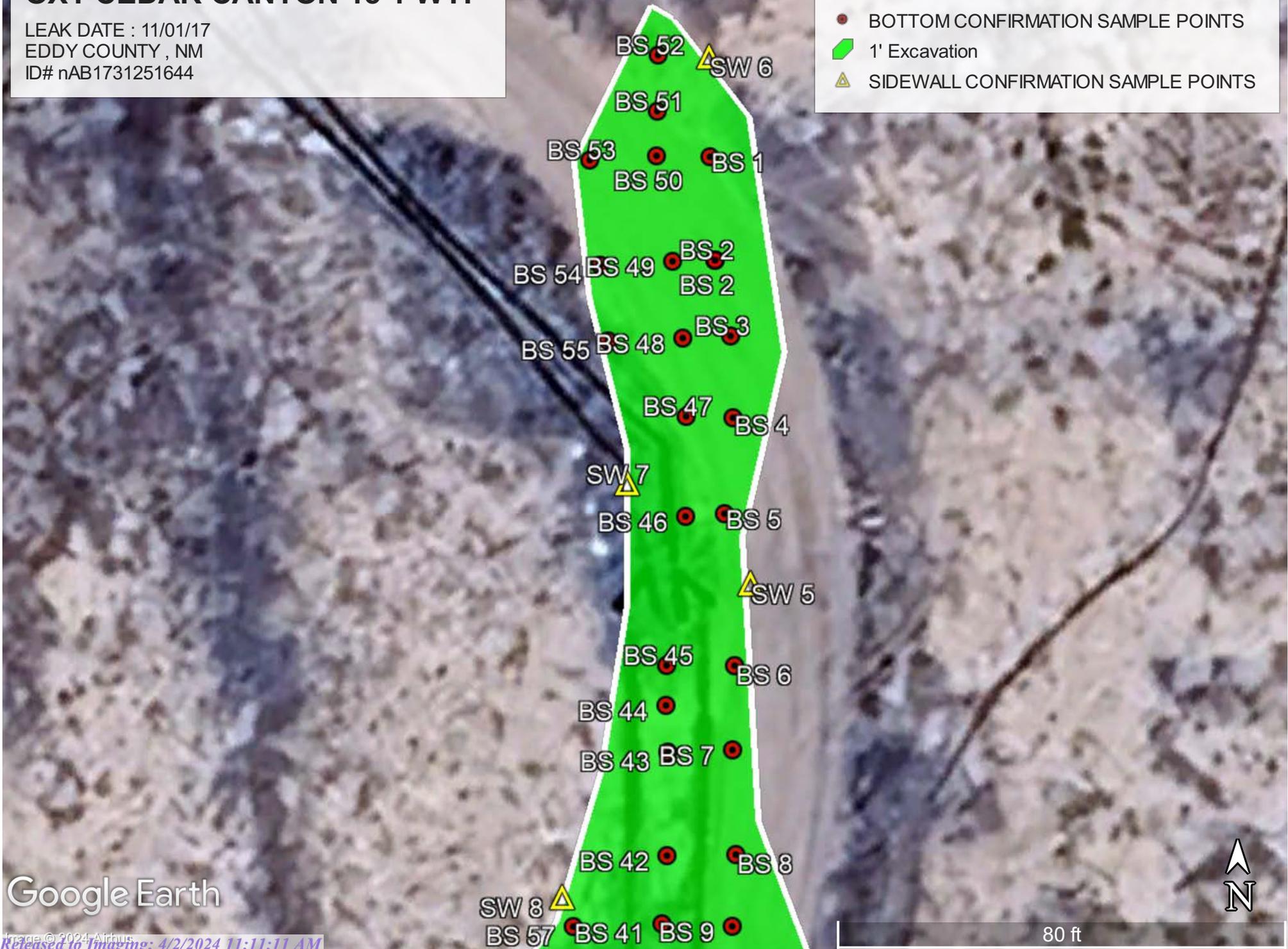
200 ft

OXY-CEDAR CANYON 15 1 WTF

LEAK DATE : 11/01/17
EDDY COUNTY , NM
ID# nAB1731251644

Legend

- BOTTOM CONFIRMATION SAMPLE POINTS
- 1' Excavation
- ▲ SIDEWALL CONFIRMATION SAMPLE POINTS



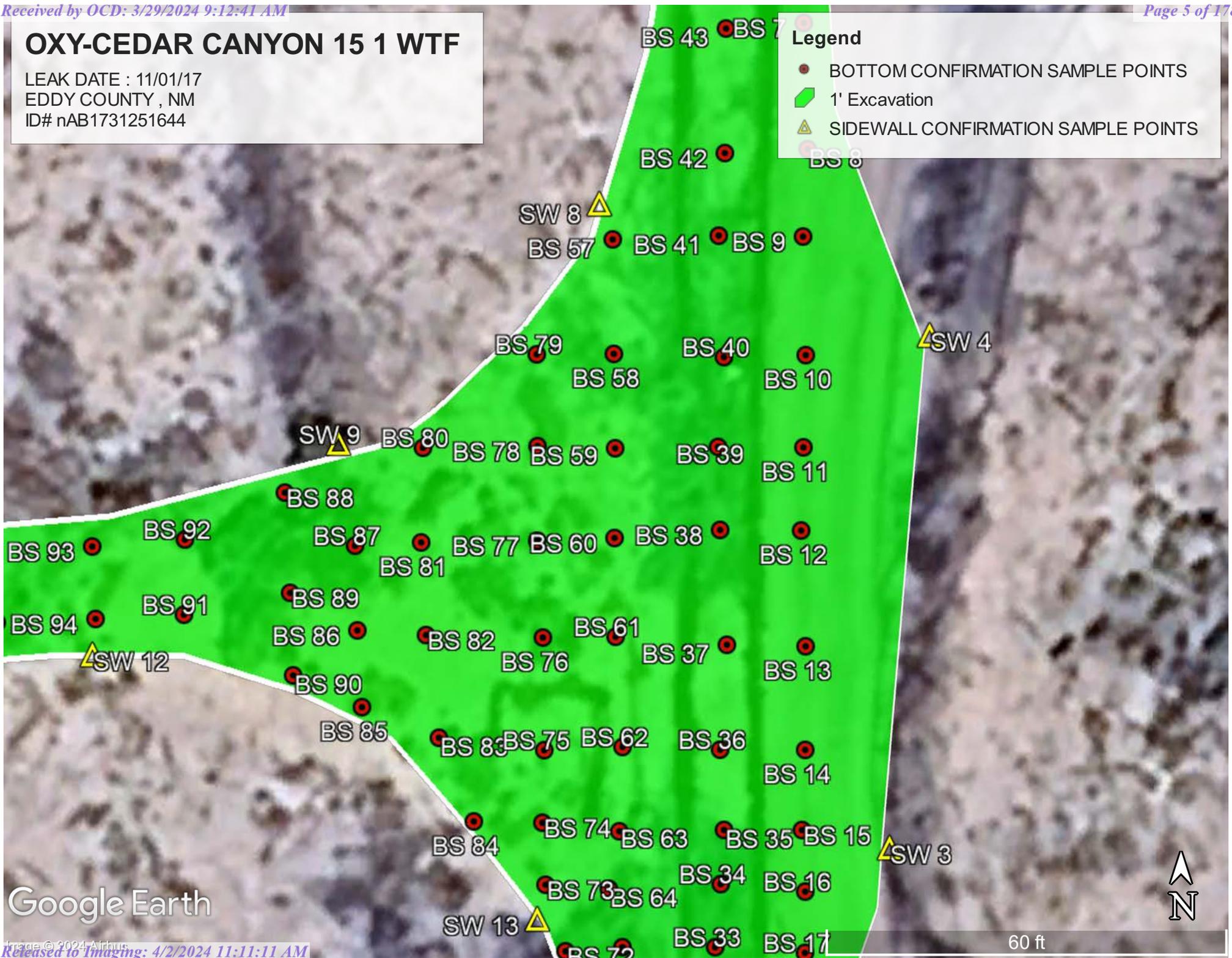
Google Earth

OXY-CEDAR CANYON 15 1 WTF

LEAK DATE : 11/01/17
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Legend

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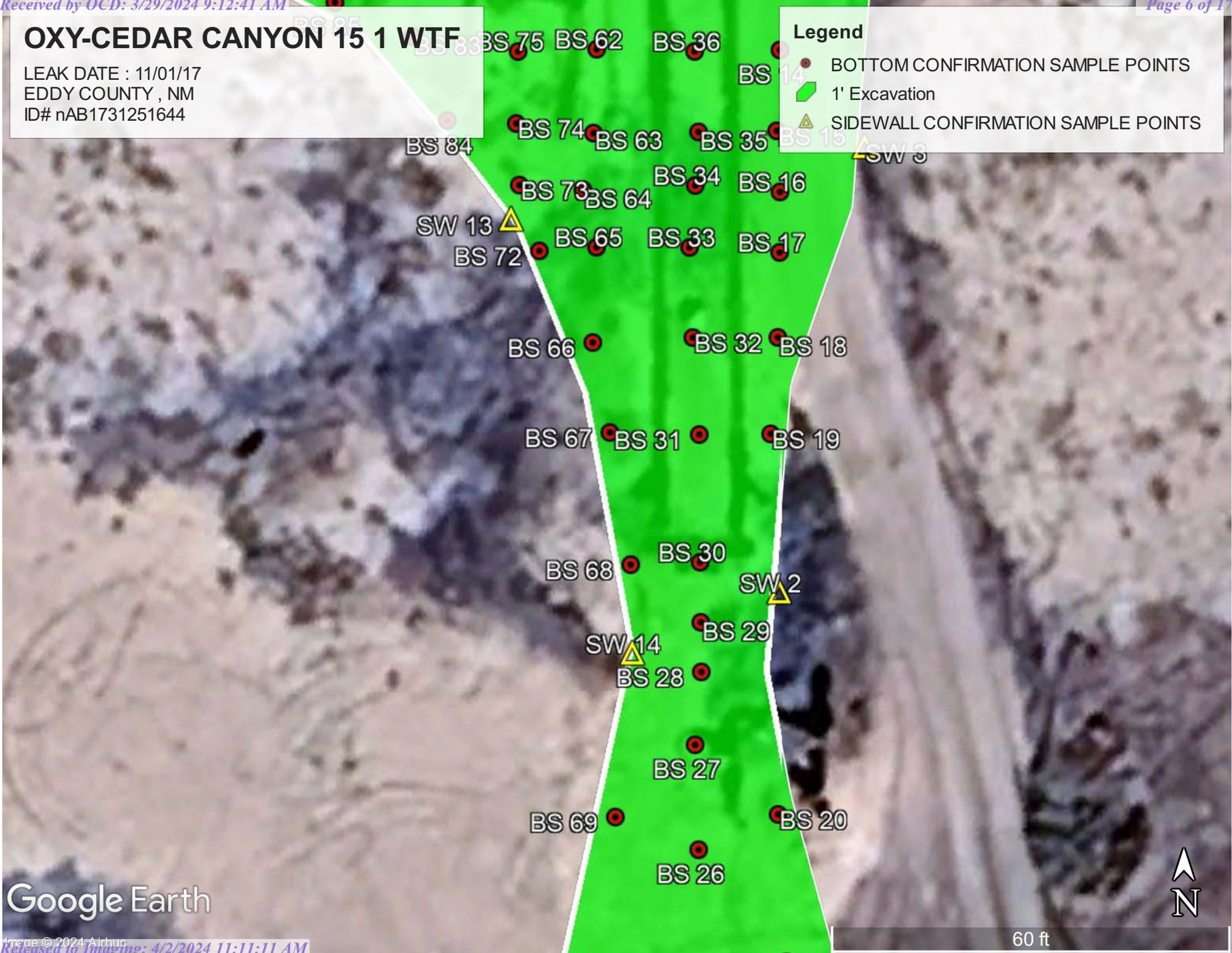
Google Earth

OXY-CEDAR CANYON 15 1 WTF

LEAK DATE : 11/01/17
EDDY COUNTY , NM
ID# nAB1731251644

Legend

-  BOTTOM CONFIRMATION SAMPLE POINTS
-  1' Excavation
-  SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth



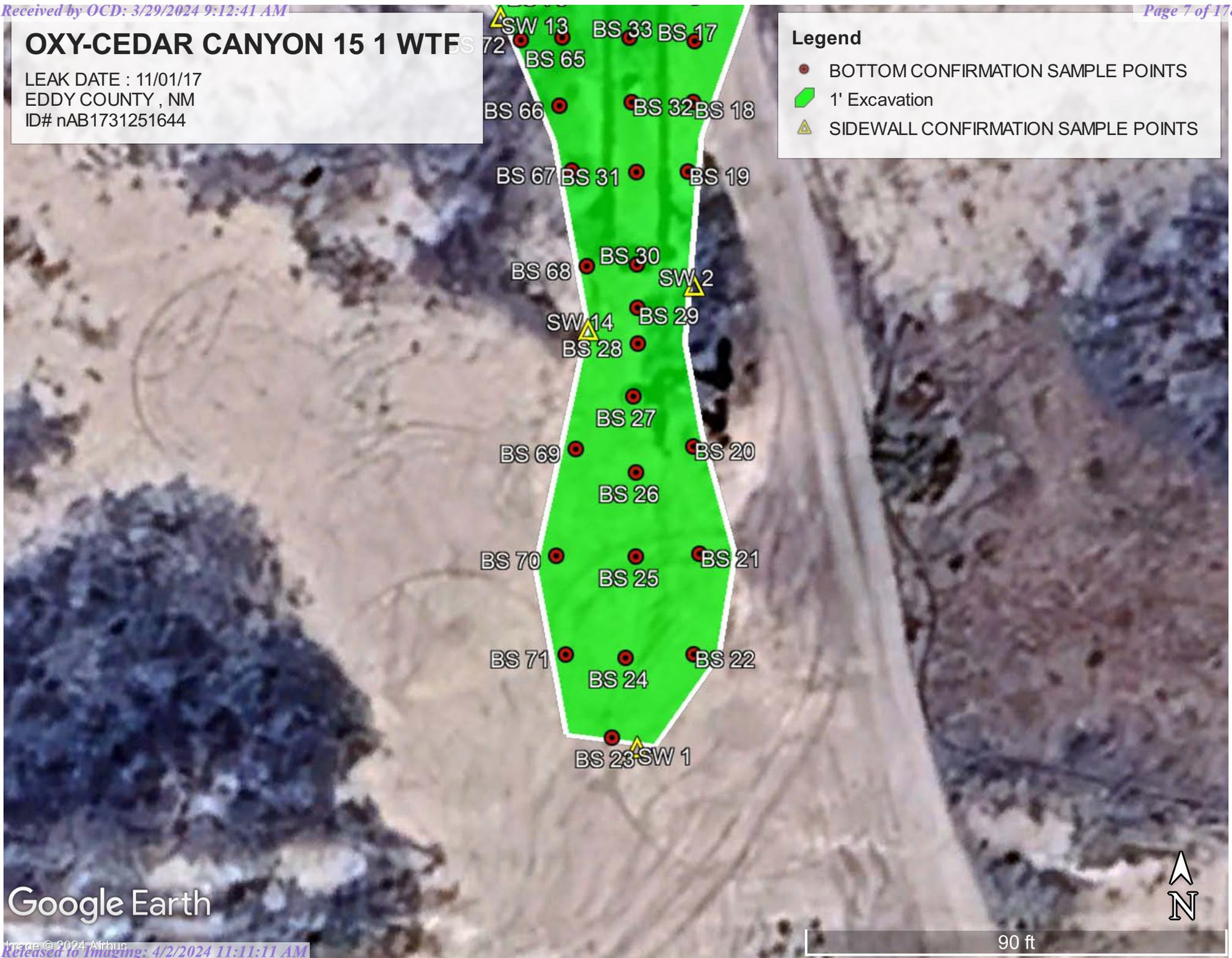
60 ft

OXY-CEDAR CANYON 15 1 WTF

LEAK DATE : 11/01/17
EDDY COUNTY , NM
ID# nAB1731251644

Legend

- BOTTOM CONFIRMATION SAMPLE POINTS
- 1' Excavation
- ▲ SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

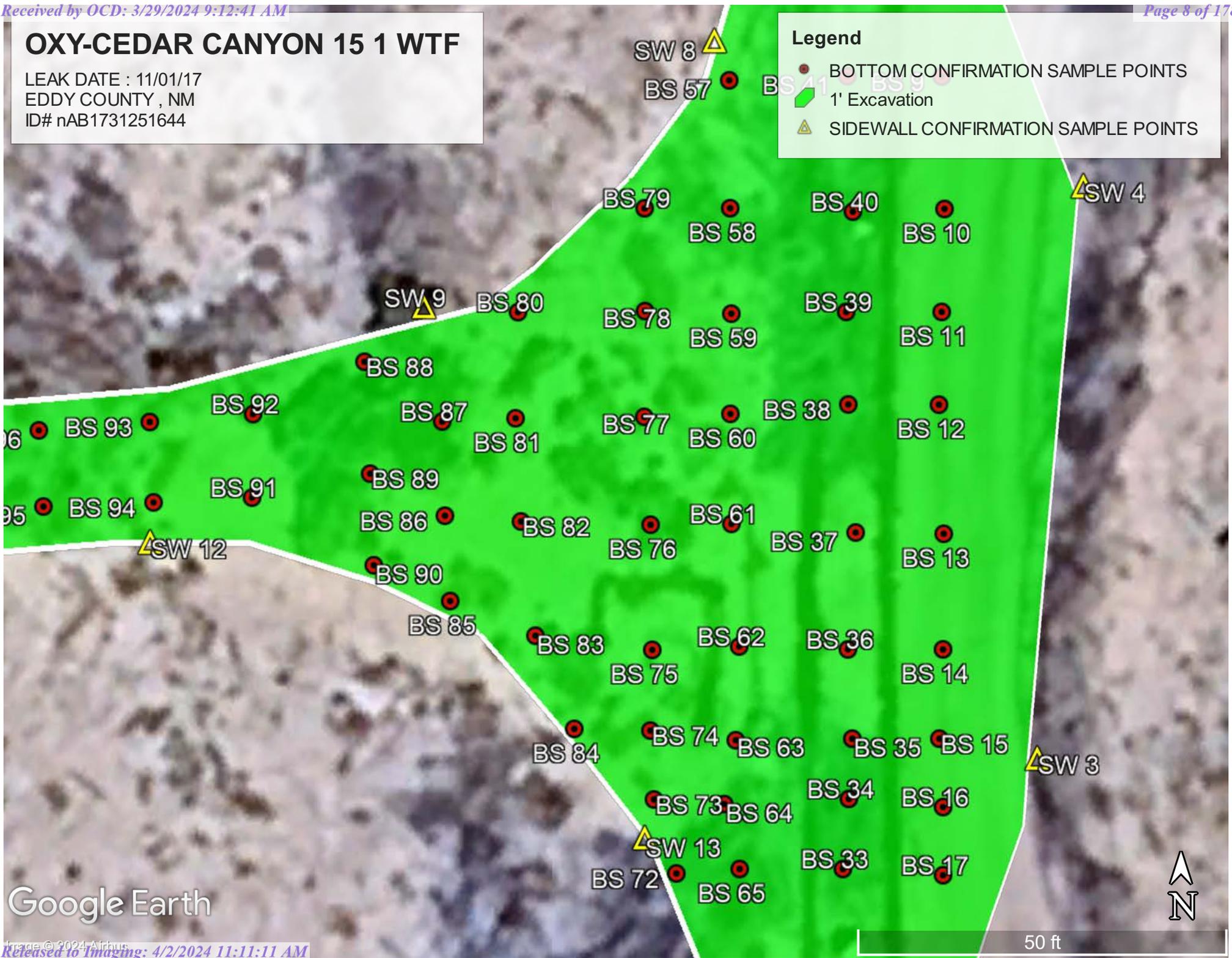
90 ft

OXY-CEDAR CANYON 15 1 WTF

LEAK DATE : 11/01/17
EDDY COUNTY , NM
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Legend

- BOTTOM CONFIRMATION SAMPLE POINTS
- 1' Excavation
- ▲ SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

50 ft

OXY-CEDAR CANYON 15 1 WTF

LEAK DATE : 11/01/17
EDDY COUNTY , NM
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Legend

- BOTTOM CONFIRMATION SAMPLE POINTS
- 1' Excavation
- ▲ SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth



60 ft

CEDAR CANYON 15-1 WTF (11/1/17)

SAMPLE DATES 3/19/24-3/21/24

BOTTOM SAMPLES POINTS

BS 1	N 32.206601	W-103.973763
BS 2	N 32.206548	W-103.973760
BS 3	N 32.206510	W-103.973751
BS 4	N 32.206469	W-103.973750
BS 5	N 32.206421	W-103.973755
BS 6	N 32.206346	W-103.973749
BS 7	N 32.206278	W-103.973748
BS 8	N 32.206223	W-103.973744
BS 9	N 32.206216	W-103.973750
BS 10	N 32.206167	W-103.973749
BS 11	N 32.206128	W-103.973750
BS 12	N 32.206094	W-103.973751
BS 13	N 32.206045	W-103.973747
BS 14	N 32.206002	W-103.973748
BS 15	N 32.205950	W-103.973748
BS 16	N 32.205910	W-103.973746
BS 17	N 32.205917	W-103.973749
BS 18	N 32.205882	W-103.973750
BS 19	N 32.205841	W-103.973754
BS 20	N 32.205684	W-103.973750
BS 21	N 32.205622	W-103.973746
BS 22	N 32.205564	W-103.973749
BS 23	N 32.205515	W-103.973805
BS 24	N 32.205562	W-103.973793
BS 25	N 32.205620	W-103.973789
BS 26	N 32.205669	W-103.973789
BS 27	N 32.205712	W-103.973791
BS 28	N 32.205743	W-103.973787
BS 29	N 32.205763	W-103.973788
BS 30	N 32.205788	W-103.973788
BS 31	N 32.205841	W-103.973788
BS 32	N 32.205882	W-103.973798
BS 33	N 32.205919	W-103.972793
BS 34	N 32.205945	W-103.973790
BS 35	N 32.205968	W-103.973789
BS 36	N 32.206002	W-103.973790
BS 37	N 32.206046	W-103.973787
BS 38	N 32.206094	W-103.973791
BS 39	N 32.206125	W-103.973792
BS 40	N 32.206166	W-103.973789

BS 41	N 32.206217	W-103.973791
BS 42	N 32.206251	W-103.973789
BS 43	N 32.206303	W-103.973788
BS 44	N 32.206326	W-103.973789
BS 45	N 32.206346	W-103.973789
BS 46	N 32.206421	W-103.973782
BS 47	N 32.206470	W-103.973777
BS 48	N 32.206509	W-103.973779
BS 49	N 32.206548	W-103.973785
BS 50	N 32.206601	W-103.973795
BS 51	N 32.206624	W-103.973794
BS 52	N 32.206652	W-103.973794
BS 53	N 32.206599	W-103.973834
BS 54	N 32.206546	W-103.973828
BS 55	N 32.206508	W-103.973823
BS 56	N 32.206250	W-103.973832
BS 57	N 32.206215	W-103.973844
BS 58	N 32.206167	W-103.973843
BS 59	N 32.206128	W-103.973843
BS 60	N 32.206090	W-103.973843
BS 61	N 32.203047	W-103.973850
BS 62	N 32.206003	W-103.973839
BS 63	N 32.205967	W-103.973841
BS 64	N 32.205943	W-103.973846
BS 65	N 32.205917	W-103.973848
BS 66	N 32.205879	W-103.973841
BS 67	N 32.205842	W-103.973832
BS 68	N 32.205787	W-103.973822
BS 69	N 32.205682	W-103.973830
BS 70	N 32.205621	W-103.973843
BS 71	N 32.205564	W-103.973837
BS 72	N 32.205963	W-103.973900
BS 73	N 32.205945	W-103.973877
BS 74	N 32.205971	W-103.973879
BS 75	N 32.206001	W-103..973878
BS 76	N 32.206049	W-103.973879
BS 77	N 32.206089	W-103.973881
BS 78	N 32.206129	W-103.973881
BS 79	N 32.206167	W-103.973881
BS 80	N 32.206128	W-103.973937
BS 81	N 32.206089	W-103.973939
BS 82	N 32.206050	W-103.973936
BS 83	N 32.206007	W-103.973930
BS 84	N 32.205972	W-103.973912

BS 85	N 32.206020	W-103.973967
BS 86	N 32.206052	W-103.973970
BS 87	N 32.206087	W-103.973971
BS 88	N 32.206110	W-103.974005
BS 89	N 32.206068	W-103.974003
BS 90	N 32.206034	W-103.974001
BS 91	N 32.206059	W-103.974054
BS 92	N 32.206090	W-103.974054
BS 93	N 32.206087	W-103.974100
BS 94	N 32.206057	W-103.974098
BS 95	N 32.206056	W-103.974146
BS 96	N 32.206084	W-103.974149
BS 97	N 32.203080	W-103.974188
BS 98	N 32.206055	W-103.974205
BS 99	N 32.206090	W-103.974242
BS 100	N 32.206101	W-103.974284
BS 101	N 32.206044	W-103.974278
BS 102	N 32.206042	W-103.974338
BS 103	N 32.206101	W-103.974332
BS 104	N 32.206142	W-103.974378
BS 105	N 32.206074	W-103.974373

SIDEWALL SAMPLE POINTS

SW 1	N 32.205509	W-103.973788
SW 2	N 32.205775	W-103.973750
SW 3	N 32.205961	W-103.973707
SW 4	N 32.206174	W-103.973689
SW 5	N 32.206386	W-103.973740
SW 6	N 32.206651	W-103.973764
SW 7	N 32.206436	W-103.973813
SW 8	N 32.206229	W-103.973851
SW 9	N 32.206130	W-103.973975
SW 10	N 32.206104	W-103.974212
SW 11	N 32.206057	W-103.974387
SW 12	N 32.206042	W-103.974099
SW 13	N 32.205931	W-103.973882
SW 14	N 32.205750	W-103.973822

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8	SW 9	SW 10	SW 11	SW 12	SW 13	SW 14
Analyte	Date	3/21/24	3/21/24	3/21/24	3/21/24	3/21/24	3/21/24	3/21/24	3/21/24	3/21/24	3/21/24	3/21/24	3/21/24	3/21/24	3/21/24
		mg/kg													
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		80.0	48.0	64.0	48.0	80.0	96.0	96.0	96.0						
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

National Flood Hazard Layer FIRMette



103°58'42"W 32°12'37"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - Regulatory Floodway
 - OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 - Area with Flood Risk due to Levee Zone D
 - OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone D
 - GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
 - OTHER FEATURES**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
 - MAP PANELS**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°58'4"W 32°12'7"N

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/25/2024 at 11:29 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

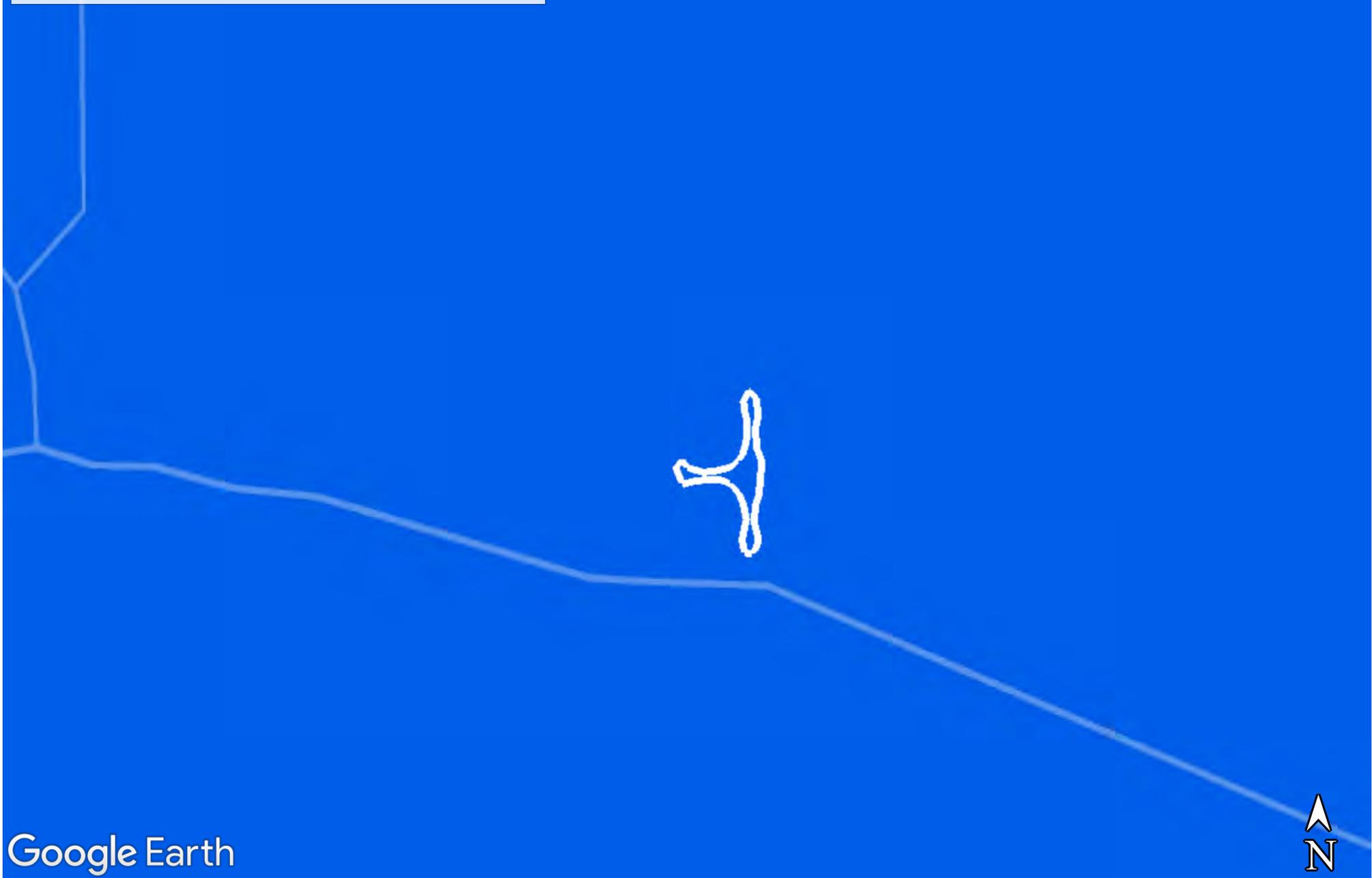
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

OXY, CEDAR CANYON 15 1 WTF

LEAK DATE :11/1/17
EDDY COUNTY ,NM
ID #nAB1731251644

Legend

-  LEAK AREA
-  Medium

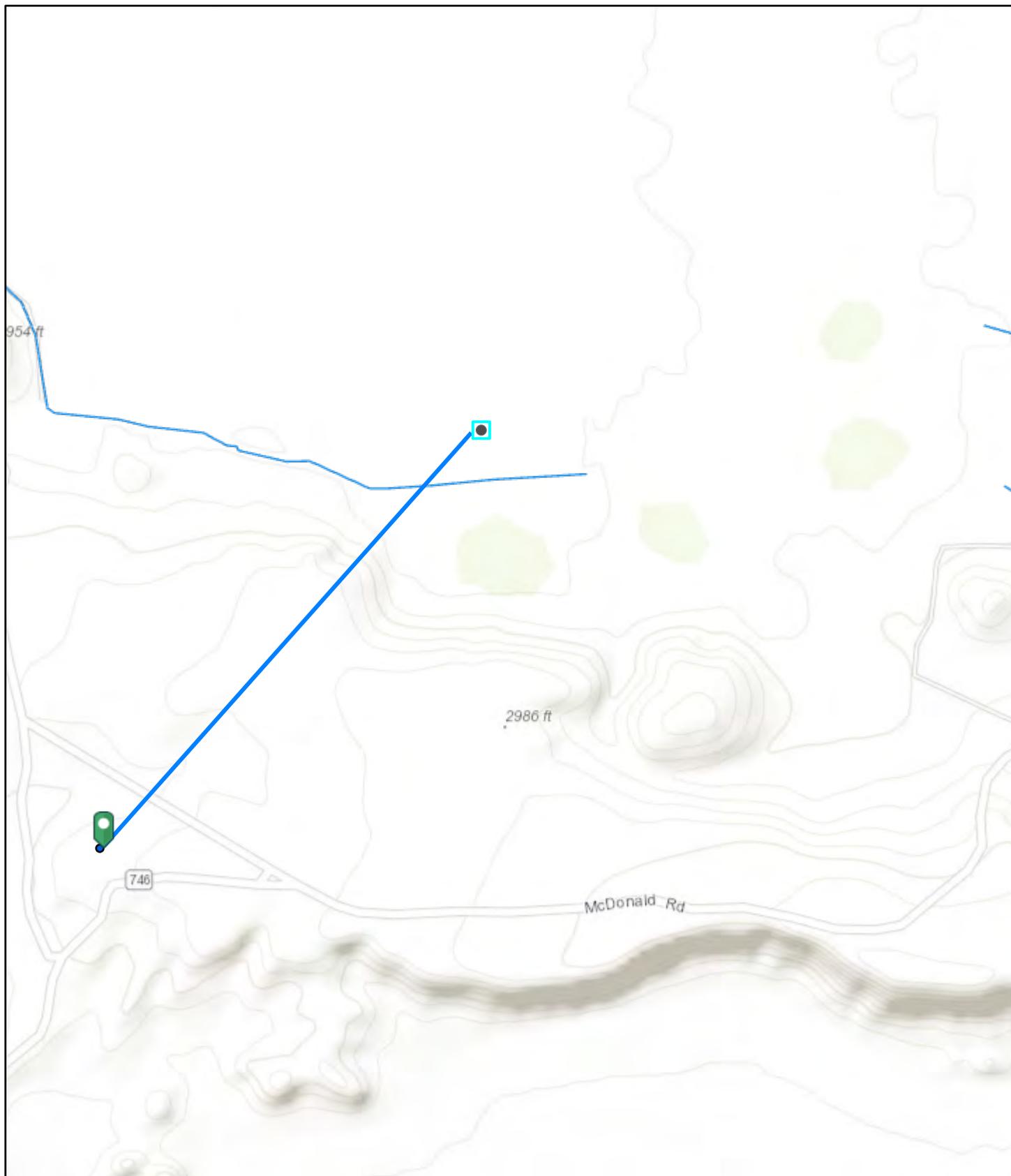


Google Earth



1000 ft

COXY, CEDAR CANYON 15 1 WTF (11/1/17) 0.5 MILES TO WATER POD

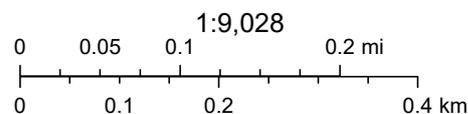


3/25/2024, 3:50:40 PM

OSE Water PODs

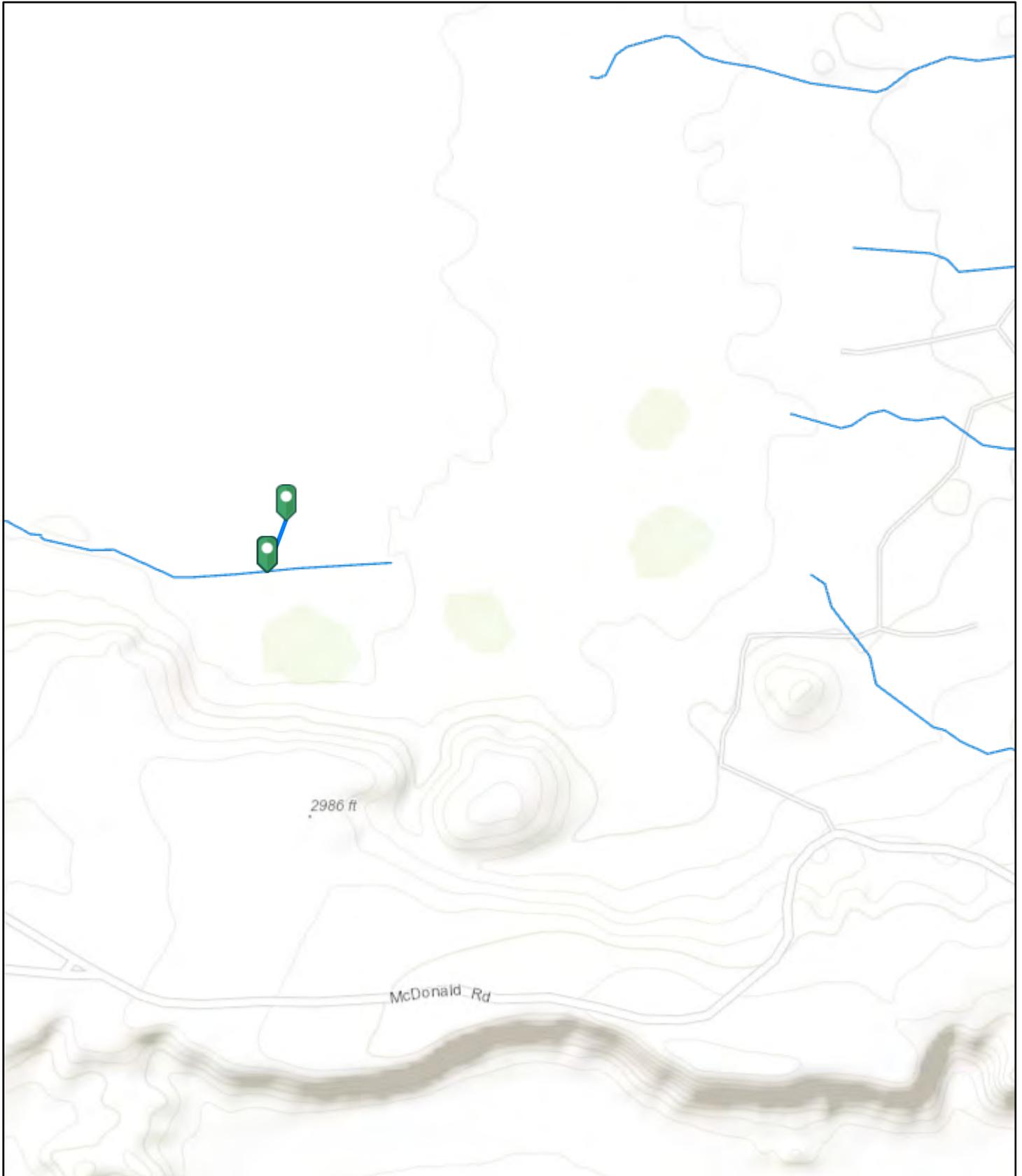
- Active

- OSE Streams



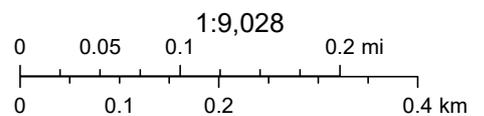
Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA, NM OSE

OXY , CEDAR CANYON 15 1 WTF (11/1/17) 260 FEET



3/25/2024, 3:47:02 PM

— OSE Streams



Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA, NM OSE

New Mexico Oil Conservation Division



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (SB-1)		WELL TAG ID NO.		OSE FILE NO(S) C 04617		
	WELL OWNER NAME(S) OXY USA INC				PHONE (OPTIONAL) 575-390-2828		
	WELL OWNER MAILING ADDRESS PO BOX 4294				CITY HOUSTON	STATE ZIP TX 77210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32		MINUTES 12	SECONDS 1.692	N * ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE -103		58	43.9962	W * DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW 1/4 OF SW OF S22, T24S R29E							

2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1184		NAME OF LICENSED DRILLER RUSSELL SOUTHERLAND			NAME OF WELL DRILLING COMPANY WEST TEXAS WATER WELL SERVICE		
	DRILLING STARTED 5/31/2022	DRILLING ENDED 5/31/2022	DEPTH OF COMPLETED WELL (FT) 110	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
				NO CASING IN HOLE				

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				N/A		

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 04/30/19)			
FILE NO.	C-4617-POD (SB-1)	POD NO.	1 (SB-1)	TRN NO.	725746
LOCATION	Expt 24.29.22.313	WELL TAG ID NO.	—		PAGE 1 OF 2

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 725746
File Nbr: C 04617
Well File Nbr: C 04617 POD1

Jun. 28, 2022

WADE DITTRICH
OXY USA INC
PO BOX 4294
HOUSTON, TX 77210

Greetings:

The above numbered permit was issued in your name on 05/13/2022.

The Well Record was received in this office on 06/28/2022, stating that it had been completed on 05/31/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 05/13/2023.

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in blue ink, appearing to read "Maret Amaral".

Maret Amaral
(575) 622-6521

drywell

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 725746
File Nbr: C 04617
Well File Nbr: C 04617 POD1

Jun. 28, 2022

BEAUX JENNINGS
ENSOLUM LLC
601 N MARIENFELD ST , STE 400
MIDLAND, TX 79701

Greetings:

The above numbered permit was issued in your name on 05/13/2022.

The Well Record was received in this office on 06/28/2022, stating that it had been completed on 05/31/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

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Sincerely,

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Maret Amaral
(575) 622-6521

drywell



OXY – CEDAR CANYON 15 1 WTF (11/1/17)





OXY – CEDAR CANYON 15 1 WTF (11/1/17)





OXY – CEDAR CANYON 15 1 WTF (11/1/17)

Remediation Pictures 12/4/18-12/19/18





OXY – CEDAR CANYON 15 1 WTF (11/1/17)





OXY – CEDAR CANYON 15 1 WTF (11/1/17)





OXY – CEDAR CANYON 15 1 WTF (11/1/17)





OXY – CEDAR CANYON 15 1 WTF (11/1/17)





OXY – CEDAR CANYON 15 1 WTF (11/1/17)





OXY – CEDAR CANYON 15 1 WTF (11/1/17)





OXY – CEDAR CANYON 15 1 WTF (11/1/17)

Back fill pictures 1/11/19





OXY – CEDAR CANYON 15 1 WTF (11/1/17)





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

March 26, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR CANYON 15-1 WTF

Enclosed are the results of analyses for samples received by the laboratory on 03/22/24 16:16.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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".

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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 1 @ 1' (H241506-01)

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	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/25/2024	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 2 @ 1' (H241506-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 3 @ 1' (H241506-03)

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	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 4 @ 1' (H241506-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 5 @ 1' (H241506-05)

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	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 6 @ 1' (H241506-06)

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	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 7 @ 1' (H241506-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 8 @ 1' (H241506-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 9 @ 1' (H241506-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 10 @ 1' (H241506-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 11 @ 1' (H241506-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 12 @ 1' (H241506-12)

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	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 13 @ 1' (H241506-13)

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	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 14 @ 1' (H241506-14)

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	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 15 @ 1' (H241506-15)

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	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 16 @ 1' (H241506-16)

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	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 17 @ 1' (H241506-17)

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	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 18 @ 1' (H241506-18)

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	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 19 @ 1' (H241506-19)

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	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 20 @ 1' (H241506-20)

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	03/25/2024	ND	2.16	108	2.00	3.16	
Toluene*	<0.050	0.050	03/25/2024	ND	2.11	105	2.00	3.26	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.99	99.9	6.00	2.40	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	215	107	200	2.22	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	216	108	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 21 @ 1' (H241506-21)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.0 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 22 @ 1' (H241506-22)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 23 @ 1' (H241506-23)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.0 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 24 @ 1' (H241506-24)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 25 @ 1' (H241506-25)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.1 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 26 @ 1' (H241506-26)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 27 @ 1' (H241506-27)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 28 @ 1' (H241506-28)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 29 @ 1' (H241506-29)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.5 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 30 @ 1' (H241506-30)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 31 @ 1' (H241506-31)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 32 @ 1' (H241506-32)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 33 @ 1' (H241506-33)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 34 @ 1' (H241506-34)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.3 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 35 @ 1' (H241506-35)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 36 @ 1' (H241506-36)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 37 @ 1' (H241506-37)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/19/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 38 @ 1' (H241506-38)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 39 @ 1' (H241506-39)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 40 @ 1' (H241506-40)

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	03/25/2024	ND	2.28	114	2.00	3.84	
Toluene*	<0.050	0.050	03/25/2024	ND	2.29	114	2.00	4.32	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.23	112	2.00	4.42	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.68	111	6.00	3.78	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	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	03/25/2024	ND	187	93.3	200	2.79	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	197	98.3	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.3 % 49.1-148

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

Received:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 41 @ 1' (H241506-41)

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	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	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	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.4 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 42 @ 1' (H241506-42)

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	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 43 @ 1' (H241506-43)

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	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 44 @ 1' (H241506-44)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 45 @ 1' (H241506-45)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 46 @ 1' (H241506-46)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 47 @ 1' (H241506-47)

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	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 48 @ 1' (H241506-48)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 49 @ 1' (H241506-49)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 50 @ 1' (H241506-50)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 51 @ 1' (H241506-51)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.9 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 52 @ 1' (H241506-52)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 53 @ 1' (H241506-53)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 54 @ 1' (H241506-54)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 55 @ 1' (H241506-55)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 56 @ 1' (H241506-56)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 57 @ 1' (H241506-57)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 58 @ 1' (H241506-58)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 59 @ 1' (H241506-59)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.9 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 60 @ 1' (H241506-60)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	1.93	96.6	2.00	3.47	
Toluene*	<0.050	0.050	03/25/2024	ND	1.98	98.8	2.00	2.57	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	1.97	98.3	2.00	2.57	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	5.85	97.4	6.00	2.66	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	207	103	200	1.17	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	195	97.7	200	0.961	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.9 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 61 @ 1' (H241506-61)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 62 @ 1' (H241506-62)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 63 @ 1' (H241506-63)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.2 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 64 @ 1' (H241506-64)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 65 @ 1' (H241506-65)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 66 @ 1' (H241506-66)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.0 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 67 @ 1' (H241506-67)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.6 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 68 @ 1' (H241506-68)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.4 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 69 @ 1' (H241506-69)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 70 @ 1' (H241506-70)

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	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 71 @ 1' (H241506-71)

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	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 72 @ 1' (H241506-72)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 73 @ 1' (H241506-73)

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	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.2 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 74 @ 1' (H241506-74)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 75 @ 1' (H241506-75)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 76 @ 1' (H241506-76)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.9 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 77 @ 1' (H241506-77)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 78 @ 1' (H241506-78)

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	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 79 @ 1' (H241506-79)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.4 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 80 @ 1' (H241506-80)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.23	111	2.00	0.175	
Toluene*	<0.050	0.050	03/25/2024	ND	2.37	119	2.00	1.91	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.53	126	2.00	0.863	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	7.71	128	6.00	0.882	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	198	99.1	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	199	99.3	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 81 @ 1' (H241506-81)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	QR-03
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	ND	400	100	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	03/25/2024	ND	197	98.7	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/20/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 82 @ 1' (H241506-82)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.512		
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28		
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02		
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82		
Total BTEX	<0.300	0.300	03/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/26/2024	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	03/25/2024	ND	197	98.7	200	1.61		
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66		
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND						

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 83 @ 1' (H241506-83)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	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	03/25/2024	ND	197	98.7	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 84 @ 1' (H241506-84)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	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	03/25/2024	ND	197	98.7	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 85 @ 1' (H241506-85)

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	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	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	03/25/2024	ND	197	98.7	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 86 @ 1' (H241506-86)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	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	03/25/2024	ND	197	98.7	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 87 @ 1' (H241506-87)

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	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	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	03/25/2024	ND	197	98.7	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 88 @ 1' (H241506-88)

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	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	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	03/25/2024	ND	197	98.7	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 89 @ 1' (H241506-89)

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	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	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	03/25/2024	ND	197	98.7	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 90 @ 1' (H241506-90)

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	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	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	03/25/2024	ND	197	98.7	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 91 @ 1' (H241506-91)

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	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	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	03/25/2024	ND	197	98.7	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 92 @ 1' (H241506-92)

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	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	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	03/25/2024	ND	197	98.7	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 93 @ 1' (H241506-93)

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	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	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	03/25/2024	ND	197	98.7	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 94 @ 1' (H241506-94)

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	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	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	03/25/2024	ND	197	98.7	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 69.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 95 @ 1' (H241506-95)

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	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	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	03/25/2024	ND	197	98.7	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 96 @ 1' (H241506-96)

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	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	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	03/25/2024	ND	197	98.7	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 97 @ 1' (H241506-97)

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	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	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	03/25/2024	ND	197	98.7	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 98 @ 1' (H241506-98)

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	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	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	03/25/2024	ND	197	98.7	200	1.61	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	208	104	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

108/13

Company Name: BBC International, Inc.
Project Manager: Cliff Brunson
Address: P.O. Box 805
City: Hobbs
State: NM Zip: 88241
Phone #: 575-397-6388 Fax #: 575-397-0397
Project #: Project Owner: Oxy
Project Name: CEDAR CANYON 15 1 WTF (11/1/17)
Project Location: New Mexico
Sampler Name: SIMON RENDON

FOR LAB USE ONLY
Lab I.D. H2415006

Sample I.D. **Sample I.D.**

FOR LAB USE ONLY

DATE	TIME	MATRIX	PRESERV	SAMPLING	ANALYSIS REQUEST		
					Chloride	BTEX	TPHEXT
3/19/24	8:30AM	GROUNDWATER			✓	✓	✓
3/19/24	8:42AM	GROUNDWATER			✓	✓	✓
3/19/24	8:51AM	GROUNDWATER			✓	✓	✓
3/19/24	9:03AM	GROUNDWATER			✓	✓	✓
3/19/24	9:12AM	GROUNDWATER			✓	✓	✓
3/19/24	9:24AM	GROUNDWATER			✓	✓	✓
3/19/24	9:34AM	GROUNDWATER			✓	✓	✓
3/19/24	9:46AM	GROUNDWATER			✓	✓	✓
3/19/24	9:55AM	GROUNDWATER			✓	✓	✓
3/19/24	10:07AM	GROUNDWATER			✓	✓	✓

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Relinquished By: *[Signature]* Date: 3-22-24 Received By: *[Signature]* Date: 3-22-24

Delivered By: (Circle One) *[Signature]* Date: 3-22-24 Received By: *[Signature]* Date: 3-22-24

Sampler - UPS - Bus - Other: *[Signature]* Time: 10:14 AM

Sample Condition: Intact Cool Yes No

Checked By: *[Signature]* (Initials) *[Signature]*

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

BILL TO

P.O. #: Company: Oxy
Attn: Address:
City: State: Zip:
Phone #: Fax #:

ANALYSIS REQUEST

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

[Handwritten notes and signatures in remarks area]

B 3 1



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(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 23

Company Name: BBC International, Inc. **BILL TO** ANALYSIS REQUEST

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs State: NM Zip: 88241

Phone #: 575-397-6388 Fax #: 575-397-0397

Project #: Project Owner: Oxy

Project Name: CEDAR CANYON 15 1 WTF (11/1/17)

Project Location: New Mexico

Sampler Name: SIMON RENDON

P.O. #: Company: Oxy

Attn: Address: City: State: Zip: Phone #: Fax #:

FOR LAB USE ONLY	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS
11	BOTTOM SAMPLE 11@1'	☐ G/RAB OR (C)OMP.	☐ # CONTAINERS	3/19/24	10:18AM	✓ Chloride
12	BOTTOM SAMPLE 12@1'	☐ GROUNDWATER	☐ WASTEWATER	3/19/24	10:31AM	✓ BTEX
13	BOTTOM SAMPLE 13@1'	☐ SOIL	☐ OIL	3/19/24	10:42AM	✓ TPH/EXT
14	BOTTOM SAMPLE 14@1'	☐ SLUDGE	☐ OTHER :	3/19/24	10:50AM	✓
15	BOTTOM SAMPLE 15@1'	☐ ACID/BASE:	☐ ICE (COOL)	3/19/24	11:01AM	✓
16	BOTTOM SAMPLE 16@1'	☐ OTHER :	☐ OTHER :	3/19/24	11:14AM	✓
17	BOTTOM SAMPLE 17@1'			3/19/24	11:25AM	✓
18	BOTTOM SAMPLE 18@1'			3/19/24	11:34AM	✓
19	BOTTOM SAMPLE 19@1'			3/19/24	11:46AM	✓
20	BOTTOM SAMPLE 20@1'			3/19/24	11:56AM	✓

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's excessive remedy for any claim arising either stated in contract or tort shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of profits, loss of goods, incurred by client, its subcontractors, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]* Date: 3-22-24 Received By: *[Signature]* Date: 3-22-24

Time: 8:10 AM Time: 16:16

Delivered By: (Circle One) *[Signature]* -1.5

Sampler - UPS - Bus - Other: *[Signature]* #1140

Sample Condition: Cool Intact Yes No

CHECKED BY: (Initials) *[Signature]*

REMARKS: 28m Rush

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3813

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 15 1 WTF (11/1/17) Project Location: New Mexico Sampler Name: SIMON RENDON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Relinquished By: <i>[Signature]</i> Date: 3-22-24 Time: 8:00 AM		Received By: <i>[Signature]</i> Date: 3-22-24 Time: 5:22 PM	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Checked By: (Initials) <i>[Initials]</i>	

Sample I.D.	DATE	TIME	MATRIX	PRESERV	SAMPLING	ANALYSIS REQUEST		
						Chloride	BTEX	TPHEXT
21 BOTTOM SAMPLE 21@1'	3/19/24	12:07PM	SOIL	COOL		✓	✓	✓
22 BOTTOM SAMPLE 22@1'	3/19/24	12:16PM	SOIL	COOL		✓	✓	✓
23 BOTTOM SAMPLE 23@1'	3/19/24	12:27PM	SOIL	COOL		✓	✓	✓
24 BOTTOM SAMPLE 24@1'	3/19/24	12:40PM	SOIL	COOL		✓	✓	✓
25 BOTTOM SAMPLE 25@1'	3/19/24	12:51PM	SOIL	COOL		✓	✓	✓
26 BOTTOM SAMPLE 26@1'	3/19/24	1:04PM	SOIL	COOL		✓	✓	✓
27 BOTTOM SAMPLE 27@1'	3/19/24	1:15AM	SOIL	COOL		✓	✓	✓
28 BOTTOM SAMPLE 28@1'	3/19/24	1:28PM	SOIL	COOL		✓	✓	✓
29 BOTTOM SAMPLE 29@1'	3/19/24	1:41PM	SOIL	COOL		✓	✓	✓
30 BOTTOM SAMPLE 30@1'	3/19/24	1:53PM	SOIL	COOL		✓	✓	✓

FOR LAB USE ONLY

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Relinquished By: _____ Date: _____ Time: _____
 Received By: _____ Date: _____ Time: _____

Delivered By: (Circle One) _____
 Sampler - UPS - Bus - Other: _____

Checked By: (Initials) _____

REMARKS: _____

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4813

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs
 State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 Project Name: CEDAR CANYON 15 1 WTF (11/1/17)
 Project Location: New Mexico
 Sampler Name: SIMON RENDON
 P.O. #: Company: Oxy
 Attn: Address: City: State: Zip: Phone #: Fax #:

BILL TO ANALYSIS REQUEST

FOR LAB USE ONLY

Sample I.D. **H41506**

Matrix: GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER

Preserv: ACID/BASE: ICE/COOL OTHER

DATE	TIME	ANALYSIS REQUEST
3/19/24	2:10PM	Chloride
3/19/24	2:21PM	BTEX
3/19/24	2:33PM	TPHEXT
3/19/24	2:47PM	
3/19/24	3:00PM	
3/19/24	3:08PM	
3/19/24	3:16PM	
3/19/24	3:27PM	

Sample I.D.	DATE	TIME	ANALYSIS REQUEST
BOTTOM SAMPLE 31@1'	3/19/24	2:10PM	✓
BOTTOM SAMPLE 32@1'	3/19/24	2:21PM	✓
BOTTOM SAMPLE 33@1'	3/19/24	2:33PM	✓
BOTTOM SAMPLE 34@1'	3/19/24	2:47PM	✓
BOTTOM SAMPLE 35@1'	3/19/24	3:00PM	✓
BOTTOM SAMPLE 36@1'	3/19/24	3:08PM	✓
BOTTOM SAMPLE 37@1'	3/19/24	3:16PM	✓
BOTTOM SAMPLE 38@1'	3/19/24	3:27PM	✓

PLEASE NOTE: Laboratory and Managers Cardinal's safety and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]* Date: 3-22-24 Received By: *[Signature]* Date: 3-22-24
 Time: 8:00AM Time: 6:10
 Delivered By: (Circle One) *[Signature]* Sample Condition: Intact Cool Yes No
 Sampler - UPS - Bus - Other: *[Signature]* Checked By: (Initials) *[Signature]*
 Phone Result: Yes No Add'l Phone #: *[Signature]*
 Fax Result: Yes No Add'l Fax #: *[Signature]*
 REMARKS: *[Signature]*

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

5413

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 Project Name: CEDAR CANYON 15 1 WTF (11/11/17)
 Project Location: New Mexico
 Sampler Name: SIMON RENDON
 P.O. #: Company: Oxy
 Attn: Address:
 City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	BIEX	IPHEXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
340	BOTTOM SAMPLE 39@1'		1						3/20/24	8:20AM	✓	✓	✓	
41	BOTTOM SAMPLE 41@1'		1						3/20/24	8:27AM	✓	✓	✓	
42	BOTTOM SAMPLE 42@1'		1						3/20/24	8:40AM	✓	✓	✓	
43	BOTTOM SAMPLE 43@1'		1						3/20/24	8:47AM	✓	✓	✓	
44	BOTTOM SAMPLE 44@1'		1						3/20/24	8:55AM	✓	✓	✓	
45	BOTTOM SAMPLE 45@1'		1						3/20/24	9:07AM	✓	✓	✓	
46	BOTTOM SAMPLE 46@1'		1						3/20/24	9:14AM	✓	✓	✓	
47	BOTTOM SAMPLE 47@1'		1						3/20/24	9:23AM	✓	✓	✓	
48	BOTTOM SAMPLE 48@1'		1						3/20/24	9:30AM	✓	✓	✓	

PLEASE NOTE: Labony and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable project. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or profits. All profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]* Date: 3-22-24 Received By: *[Signature]* Date: 3-22-24
 Relinquished By: *[Signature]* Time: 8:00pm Received By: *[Signature]* Time: 3:22-24
 Delivered By: (Circle One) UPS Bus Other: *[Signature]*
 Sampler - UPS - Bus - Other: *[Signature]*
 Sample Condition: Cool Intact
 Checked By: (Initials) *[Signature]*
 Remarks: 48 hr Rush



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

6413

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 15 1 WTF (11/11/17)

Project Location: New Mexico

Sampler Name: SIMON RENDON

BILL TO

ANALYSIS REQUEST

P.O. #: _____ Company: Oxy
 Attn: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	FOR LAB USE ONLY	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
49	BOTTOM SAMPLE 49@1'									3/20/24	9:46AM	✓	Chloride
50	BOTTOM SAMPLE 50@1'									3/20/24	9:55AM	✓	BTEX
51	BOTTOM SAMPLE 51@1'									3/20/24	10:04AM	✓	TPH EXT
52	BOTTOM SAMPLE 52@1'									3/20/24	10:16AM	✓	
53	BOTTOM SAMPLE 53@1'									3/20/24	10:24AM	✓	
54	BOTTOM SAMPLE 54@1'									3/20/24	10:30AM	✓	
55	BOTTOM SAMPLE 55@1'									3/20/24	10:38AM	✓	
56	BOTTOM SAMPLE 56@1'									3/20/24	10:45AM	✓	
57	BOTTOM SAMPLE 57@1'									3/20/24	11:05AM	✓	
58	BOTTOM SAMPLE 58@1'									3/20/24	11:17AM	✓	

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Relinquished By: *[Signature]* Date: 3-22-24 Received By: *[Signature]* Date: 3-22-24
 Time: 6:00 AM Time: 16:16
 Delivered By: (Circle One) *[Signature]* Sample Condition: Intact Cool Yes No
 Sampler - UPS - Bus - Other: #140 CHECKED BY: (Initials) *[Signature]*

Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS: 48 hr Rush

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

7813

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
Project Manager: Cliff Brunson
Address: P.O. Box 805
City: Hobbs
State: NM Zip: 88241
Phone #: 575-397-6388 Fax #: 575-397-0397
Project #: Project Owner: Oxy
Project Name: CEDAR CANYON 15 1 WTF (11/1/17)
Project Location: New Mexico
Sampler Name: SIMON RENDON

P.O. #: Company: Oxy
Attn: Address:
City: State: Zip:
Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	BIEX	TPHEXI
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
57	BOTTOM SAMPLE 59@1'		6							3/20/24	11:17AM	✓	✓	✓	
58	BOTTOM SAMPLE 60@1'									3/20/24	11:28AM	✓	✓	✓	
59	BOTTOM SAMPLE 61@1'									3/20/24	11:36AM	✓	✓	✓	
60	BOTTOM SAMPLE 62@1'									3/20/24	11:51AM	✓	✓	✓	
61	BOTTOM SAMPLE 63@1'									3/20/24	12:04PM	✓	✓	✓	
62	BOTTOM SAMPLE 64@1'									3/20/24	12:44PM	✓	✓	✓	
63	BOTTOM SAMPLE 65@1'									3/20/24	12:56PM	✓	✓	✓	
64	BOTTOM SAMPLE 66@1'									3/20/24	1:12PM	✓	✓	✓	
65	BOTTOM SAMPLE 67@1'									3/20/24	1:27PM	✓	✓	✓	
66	BOTTOM SAMPLE 68@1'									3/20/24	1:40PM	✓	✓	✓	

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or injury to property or profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: [Signature] Date: 3/22/24 Received By: [Signature] Date: 3/22/24
Relinquished By: [Signature] Date: 3/22/24 Received By: [Signature] Date: 3/22/24
Delivered By: (Circle One) [Signature] Time: 16:16
Sampler - UPS - Bus - Other: [Signature] Time: 1:30

CHECKED BY: (Initials) [Signature]
Sample Condition: Cool Intact
Yes No
REMARKS: 48m Dist

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CARDINAL LABORATORIES

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(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

8423

Company Name: BBC International, Inc. **BILL TO** ANALYSIS REQUEST

Project Manager: Cliff Brunson P.O. #: Company: Oxy

Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241

Phone #: 575-397-6388 Fax #: 575-397-0397

Project #: Project Owner: Oxy

Project Name: CEDAR CANYON 15 1 WTF (11/11/17) City: State: Zip:

Project Location: New Mexico Phone #: Fax #:

Sampler Name: SIMON RENDON

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	BTEX	TPHEXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H21506	69@1'									3/20/24	1:53PM	✓	✓	✓	
	70@1'									3/20/24	2:03PM	✓	✓	✓	
	71@1'									3/20/24	2:16PM	✓	✓	✓	
	72@1'									3/20/24	2:31PM	✓	✓	✓	
	73@1'									3/20/24	2:43PM	✓	✓	✓	
	74@1'									3/20/24	2:56PM	✓	✓	✓	
	75@1'									3/20/24	3:05PM	✓	✓	✓	
	76@1'									3/20/24	3:15PM	✓	✓	✓	
	77@1'									3/20/24	3:23PM	✓	✓	✓	
	78@1'									3/20/24	3:30PM	✓	✓	✓	

PLEASE NOTE: Laboratory and Damages: Cardinal's liability and clients' exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal. Signature of holder of bottom is based upon and of the above stated reasons or otherwise.

Relinquished By: [Signature] Date: 3/22/24 Received By: [Signature] Date: 3/22/24

Relinquished By: [Signature] Time: 8:00 AM Received By: [Signature] Time: 10:16 AM

Delivered By: [Signature] Time: 1:32 PM Sample Condition: Cool- Intact Yes Yes No No

Sampler - UPS - Bus - Other: H140 Checked By: [Signature] (Initials)

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

48 hr Rush



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

9823

Company Name: BBC International, Inc. **BILL TO**

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs State: NM Zip: 88241

Phone #: 575-397-6388 Fax #: 575-397-0397

Project #: Project Owner: Oxy

Project Name: CEDAR CANYON 15 1 WTF (11/1/17)

Project Location: New Mexico

Sampler Name: SIMON RENDON

P.O. #: Company: Oxy

Attn: Address:

City: State: Zip:

Phone #: Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS
Lab I.D. HX11506	GROUNDWATER	ACID/BASE		3/20/24	3:36PM	Chloride
	WASTEWATER	ICE / COOL		3/20/24	3:45PM	BTEX
	SOIL	OTHER :		3/20/24	3:54PM	IPHEXT
	OIL			3/20/24	4:04PM	
	SLUDGE			3/21/24	8:24AM	
	OTHER :			3/21/24	8:37AM	
				3/21/24	8:50AM	
				3/21/24	9:01AM	
				3/21/24	9:11AM	
				3/21/24	9:20AM	

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Relinquished By: [Signature] Date: 3-22-24 Received By: [Signature] Date: 3-22-24

Time: 8:00 AM

Delivered By: [Signature] (Circle One) Time: 6:16

Sampler - UPS - Bus - Other: -1300c HX11506

Sample Condition: Cool-Intact Yes No

Checked By: [Signature] (Initials) [Signature]

Phone Result: Yes No Add'l Phone #: 48 hr Rush

Fax Result: Yes No Add'l Fax #:

REMARKS:

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

10823

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 Project Name: CEDAR CANYON 15 1 WTF (11/1/17)
 Project Location: New Mexico
 Sampler Name: SIMON RENDON
 P.O. #: Company: Oxy
 Attn: Address:
 City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			ACID/BASE:	ICE / COOL	OTHER :
88	BOTTOM SAMPLE 89@1'								3/21/24	9:32AM				
90	BOTTOM SAMPLE 90@1'								3/21/24	9:42AM				
91	BOTTOM SAMPLE 91@1'								3/21/24	9:54AM				
92	BOTTOM SAMPLE 92@1'								3/21/24	10:05AM				
93	BOTTOM SAMPLE 93@1'								3/21/24	10:16AM				
94	BOTTOM SAMPLE 94@1'								3/21/24	10:23AM				
95	BOTTOM SAMPLE 95@1'								3/21/24	10:30AM				
96	BOTTOM SAMPLE 96@1'								3/21/24	10:38AM				
97	BOTTOM SAMPLE 97@1'								3/21/24	10:49AM				
98	BOTTOM SAMPLE 98@1'								3/21/24	11:00AM				

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's recourse remedy for any claim arising whether based in contract or tort, what we issued to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or contractors, whether out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon all or any of the above stated reasons or otherwise.

Relinquished By: *[Signature]* Date: 3-22-24 Received By: *[Signature]* Date: 3-22-24
 Relinquished By: *[Signature]* Time: 6:00 PM Received By: *[Signature]* Time: 6:16 PM
 Delivered By: (Circle One) *UPS* Sample Condition: Intact Cool Yes No
 Sampler - UPS - Bus - Other: *UPS* Checked By: *[Signature]* (Initials)
 Remarks: *218 hr fresh*

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

March 26, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR CANYON 15-1 WTF

Enclosed are the results of analyses for samples received by the laboratory on 03/22/24 16:16.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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.

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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 99 @ 1' (H241507-01)

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	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	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	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 100 @ 1' (H241507-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.512	
Toluene*	<0.050	0.050	03/25/2024	ND	2.13	107	2.00	3.28	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.16	108	2.00	5.02	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.49	108	6.00	5.82	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	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	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 101 @ 1' (H241507-03)

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	03/25/2024	ND	2.24	112	2.00	0.624	QR-03
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	QR-03
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	QR-03
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	QR-03
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	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	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 102 @ 1' (H241507-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 103 @ 1' (H241507-05)

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	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 104 @ 1' (H241507-06)

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	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 105 @ 1' (H241507-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 1 (H241507-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 2 (H241507-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 3 (H241507-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 4 (H241507-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 5 (H241507-12)

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	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 6 (H241507-13)

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	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 7 (H241507-14)

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	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 8 (H241507-15)

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	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 9 (H241507-16)

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	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 10 (H241507-17)

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	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 11 (H241507-18)

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	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 12 (H241507-19)

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	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 13 (H241507-20)

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	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2024	ND	197	98.5	200	0.950	
DRO >C10-C28*	<10.0	10.0	03/26/2024	ND	215	107	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	03/26/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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:	03/22/2024	Sampling Date:	03/21/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	CEDAR CANYON 15-1 WTF	Sampling Condition:	Cool & Intact
Project Number:	11-01-17	Sample Received By:	Dionica Hinojos
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 14 (H241507-21)

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	03/25/2024	ND	2.24	112	2.00	0.624	
Toluene*	<0.050	0.050	03/25/2024	ND	2.21	110	2.00	0.707	
Ethylbenzene*	<0.050	0.050	03/25/2024	ND	2.15	108	2.00	0.647	
Total Xylenes*	<0.150	0.150	03/25/2024	ND	6.24	104	6.00	0.660	
Total BTEX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2024	ND	224	112	200	2.60	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	223	111	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.8 % 49.1-148

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Handwritten signature/initials

Company Name: BBC International, Inc. **BILL TO** ANALYSIS REQUEST

Project Manager: Cliff Brunson P.O. #: Company: Oxy

Address: P.O. Box 805 State: NM Zip: 88241 Attn:

City: Hobbs Phone #: 575-397-6388 Fax #: 575-397-0397 Address:

Project #: Project Owner: Oxy City: State: Zip:

Project Name: CEDAR CANYON 15 1 WTF (11/11/17) Phone #: Fax #:

Project Location: New Mexico State: Zip:

Sampler Name: SIMON RENDON Matrix: PRESERV: OTHER:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chloride	BTEX	TPH EXT
	BOTTOM SAMPLE 99@1'						3/21/24	11:12AM	✓	✓	✓
	BOTTOM SAMPLE 100@1'						3/21/24	11:23AM	✓	✓	✓
	BOTTOM SAMPLE 101@1'						3/21/24	11:34AM	✓	✓	✓
	BOTTOM SAMPLE 102@1'						3/21/24	11:45AM	✓	✓	✓
	BOTTOM SAMPLE 103@1'						3/21/24	11:53AM	✓	✓	✓
	BOTTOM SAMPLE 104@1'						3/21/24	12:05PM	✓	✓	✓
	BOTTOM SAMPLE 105@1'						3/21/24	12:14PM	✓	✓	✓
	SIDEWALL 1						3/21/24	12:54PM	✓	✓	✓
	SIDEWALL 2						3/21/24	1:07PM	✓	✓	✓
	SIDEWALL 3						3/21/24	1:18PM	✓	✓	✓

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Relinquished By: *[Signature]* Date: 3-22-24 Received By: *[Signature]* Date: 3-22-24

Relinquished By: *[Signature]* Time: 10:40 AM Received By: *[Signature]* Time: 16:16

Delivered By: (Circle One) *[Signature]* Sample Condition: Cool Intact Yes No No

Sampler - UPS - Bus - Other: *[Signature]* CHECKED BY: (Initials) *[Signature]*

Remarks: *48m Rush*

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

12 of 13

Company Name: BBC International, Inc. **BILL TO** ANALYSIS REQUEST

Project Manager: Cliff Brunson P.O. #: Company: Oxy

Address: P.O. Box 805 State: NM Zip: 88241 Attn:

City: Hobbs Phone #: 575-397-6388 Fax #: 575-397-0397 Address:

Project #: Project Owner: Oxy City: State: Zip:

Project Name: CEDAR CANYON 15 1 WTF (11/1/17) Phone #: Fax #:

Project Location: New Mexico

Sampler Name: SIMON RENDON

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	BTEX	TPHEXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
11	SIDEWALL 4		6							3/21/24	1:32PM	✓	✓	✓	
12	SIDEWALL 5									3/21/24	1:40PM	✓	✓	✓	
13	SIDEWALL 6									3/21/24	1:48PM	✓	✓	✓	
14	SIDEWALL 7									3/21/24	2:00PM	✓	✓	✓	
15	SIDEWALL 8									3/21/24	2:10PM	✓	✓	✓	
16	SIDEWALL 9									3/21/24	2:17PM	✓	✓	✓	
17	SIDEWALL 10									3/21/24	2:31PM	✓	✓	✓	
18	SIDEWALL 11									3/21/24	2:43PM	✓	✓	✓	
19	SIDEWALL 12									3/21/24	2:53PM	✓	✓	✓	
20	SIDEWALL 13									3/21/24	3:05PM	✓	✓	✓	

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Relinquished By: *[Signature]* Date: 3-22-24 Received By: *[Signature]* Date: 3-22-24

Time: 8:00 AM Time: 16:16

Delivered By: (Circle One) UPS Bus Other: *[Signature]*

Sample Condition: Cool Intact

Checked By: *[Signature]* (Initials) *[Signature]*

REMARKS: *48m Rush*

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

156113

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 Project Name: CEDAR CANYON 15 1 WTF (11/1/17)
 Project Location: New Mexico
 Sampler Name: SIMON RENDON
 P.O. #: Company: Oxy
 Attn: Address: City: State: Zip: Phone #: Fax #:

FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS REQUEST
	A241507	01 SIDEWALL 14	G	1	<input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE OTHER : <input checked="" type="checkbox"/> ACID/BASE: <input checked="" type="checkbox"/> ICE/COOL <input type="checkbox"/> OTHER :			3/21/24	3:16PM	<input checked="" type="checkbox"/> Chloride <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> TPH/EXT

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Relinquished By: [Signature] Date: 3-22-24 Received By: [Signature] Date: 3-22-24
 Relinquished By: [Signature] Date: 3-22-24 Received By: [Signature] Date: 3-22-24
 Delivered By: (Circle One) [Signature] Date: 3-22-24
 Sampler - UPS - Bus - Other: [Signature] Date: 3-22-24
 Sample Condition: Intact Cool Yes No
 CHECKED BY: [Signature] (Initials)
 REMARKS: 218 m Rush

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 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

QUESTIONS

Action 328031

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 328031
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1731251644
Incident Name	NAB1731251644 CEDAR CANYON 15 1 WATER TREATMENT FACILITY @ 30-015-29171
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-29171] RIVERBEND FEDERAL #001

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	CEDAR CANYON 15 1 WATER TREATMENT FACILITY
Date Release Discovered	11/01/2017
Surface Owner	Private

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 22 BBL Recovered: 20 BBL Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 328031

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 328031
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 03/29/2024
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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

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1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 328031

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 328031
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 200 and 300 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 200 and 300 (ft.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	348
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	10
GRO+DRO (EPA SW-846 Method 8015M)	10
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.5

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	11/21/2018
On what date will (or did) the final sampling or liner inspection occur	03/19/2024
On what date will (or was) the remediation complete(d)	01/11/2019
What is the estimated surface area (in square feet) that will be reclaimed	20982
What is the estimated volume (in cubic yards) that will be reclaimed	780
What is the estimated surface area (in square feet) that will be remediated	20982
What is the estimated volume (in cubic yards) that will be remediated	780

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 328031

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 328031
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 03/29/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 328031

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 328031
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 328031

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 328031
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	323512
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/25/2024
What was the (estimated) number of samples that were to be gathered	119
What was the sampling surface area in square feet	20982

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	20982
What was the total volume (cubic yards) remediated	780
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	20982
What was the total volume (in cubic yards) reclaimed	780
Summarize any additional remediation activities not included by answers (above)	This site is listed on the Agreed Compliance Order of 4/5/19. This site had previously been remediated but no confirmation samples were collected therefore, OXY performed confirmation sampling to verify remediation limits had been met. The enclosed site diagram depicts the spill area, excavation depths, and the confirmation sample points. OXY collected sidewall and bottom confirmation samples every 200 square feet .

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 03/29/2024
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QUESTIONS, Page 7

Action 328031

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 328031
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 328031

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 328031
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation closure approved.	4/2/2024
amaxwell	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	4/2/2024