

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

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAB1731251644
District RP	
Facility ID	
Application ID	

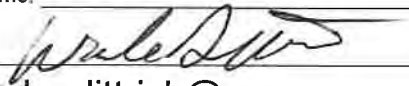
Closure

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 OCD District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 3-19-24
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

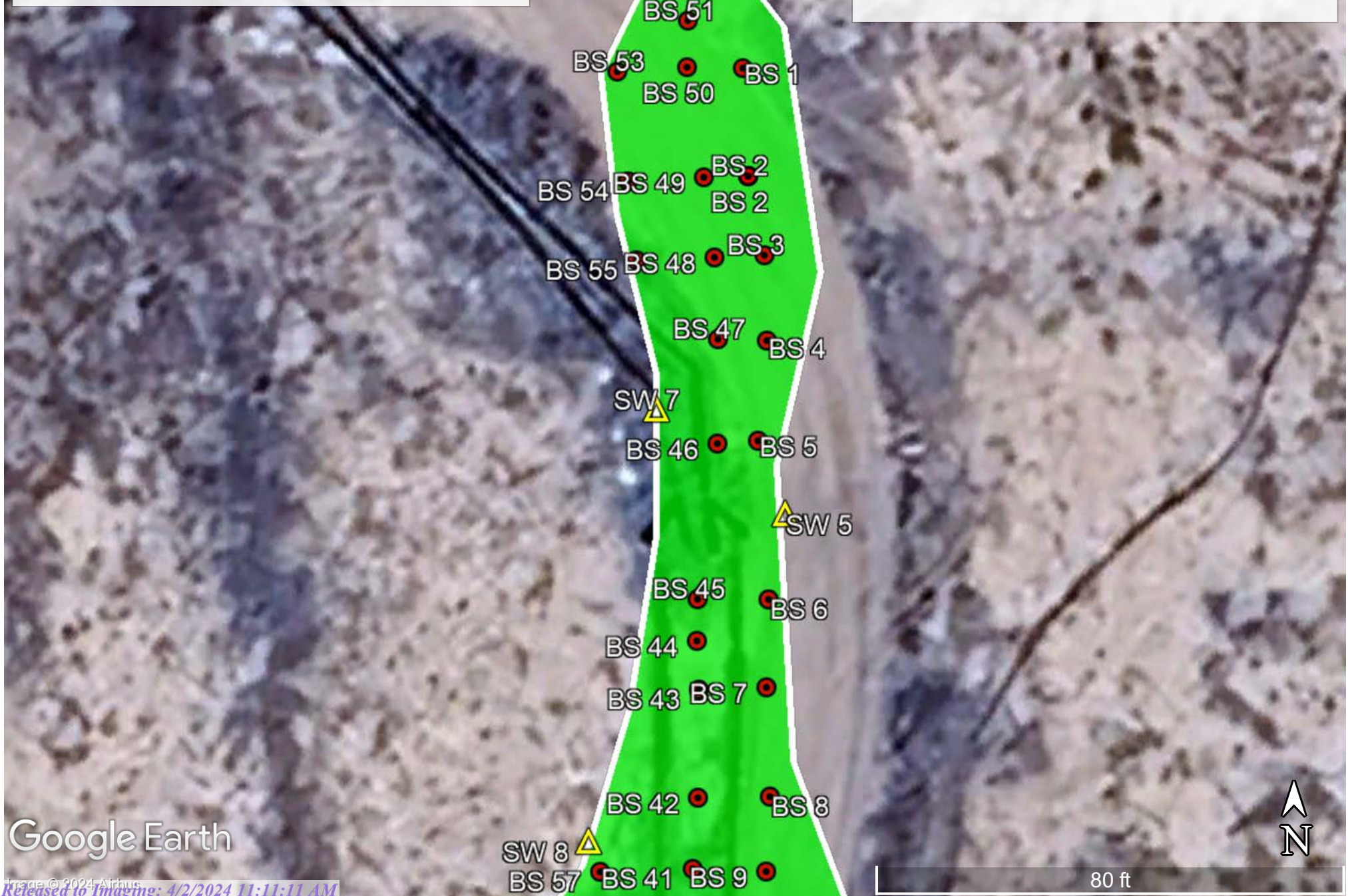


OXY-CEDAR CANYON 15 1 WTF

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

Legend

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



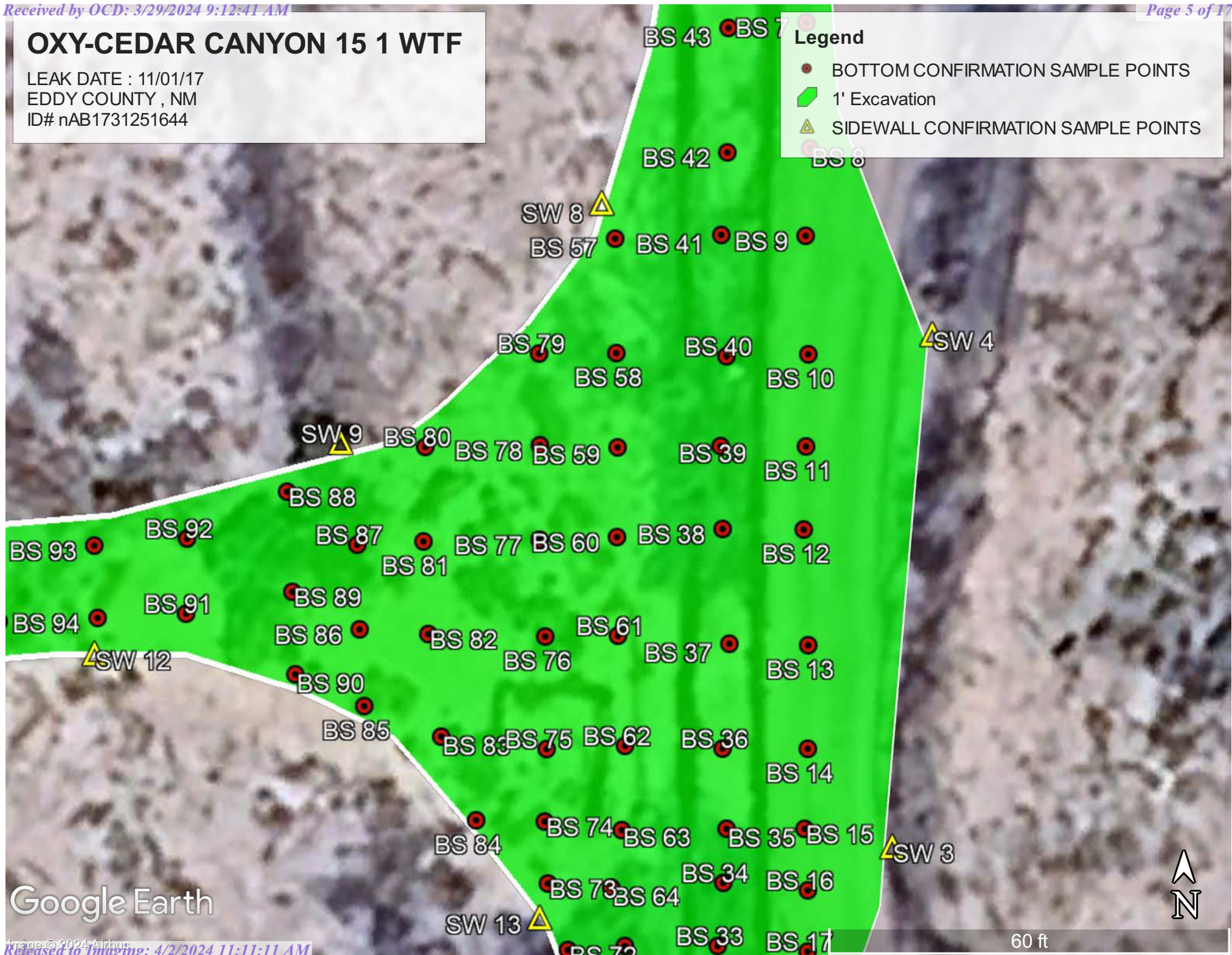
Google Earth

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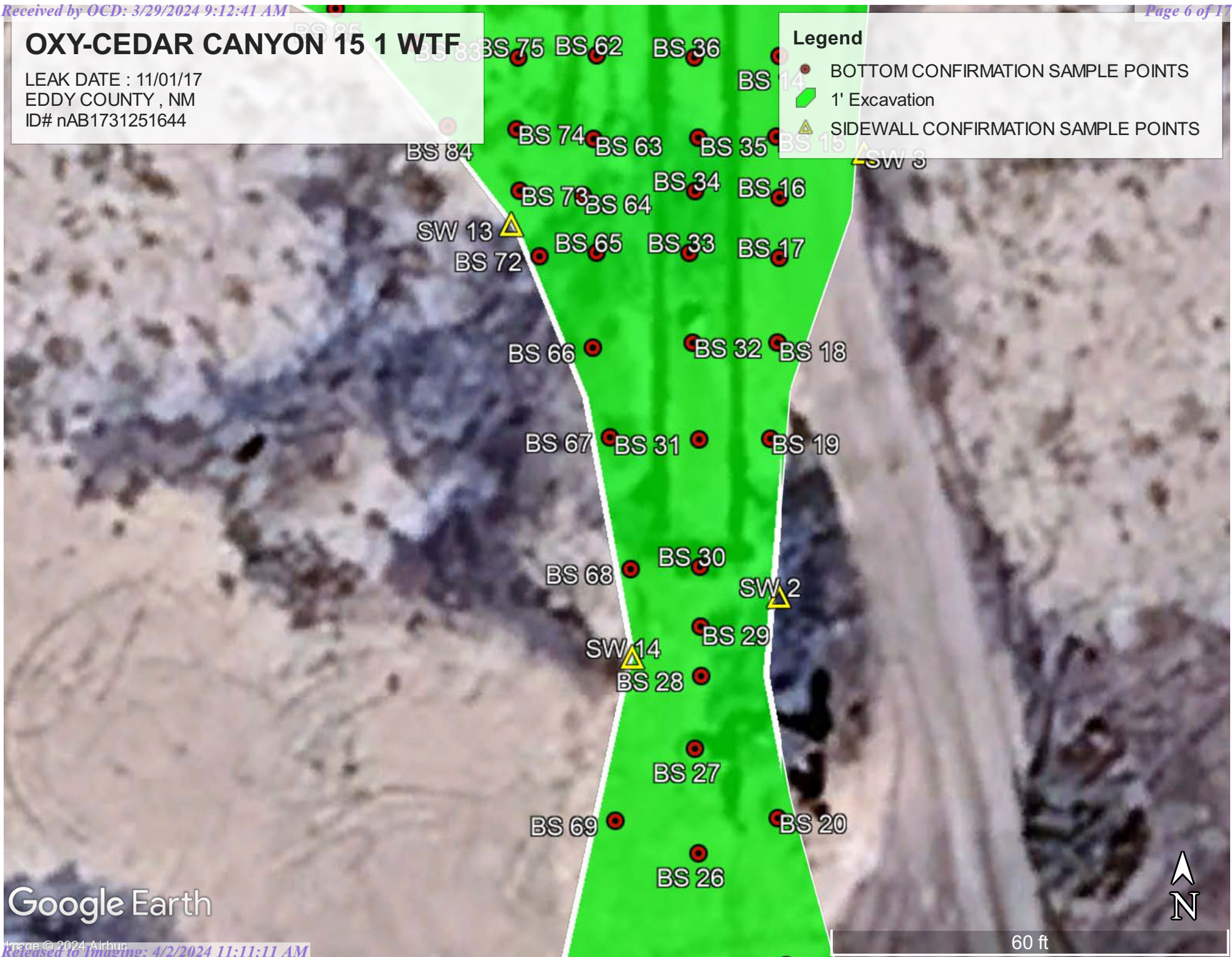
Google Earth

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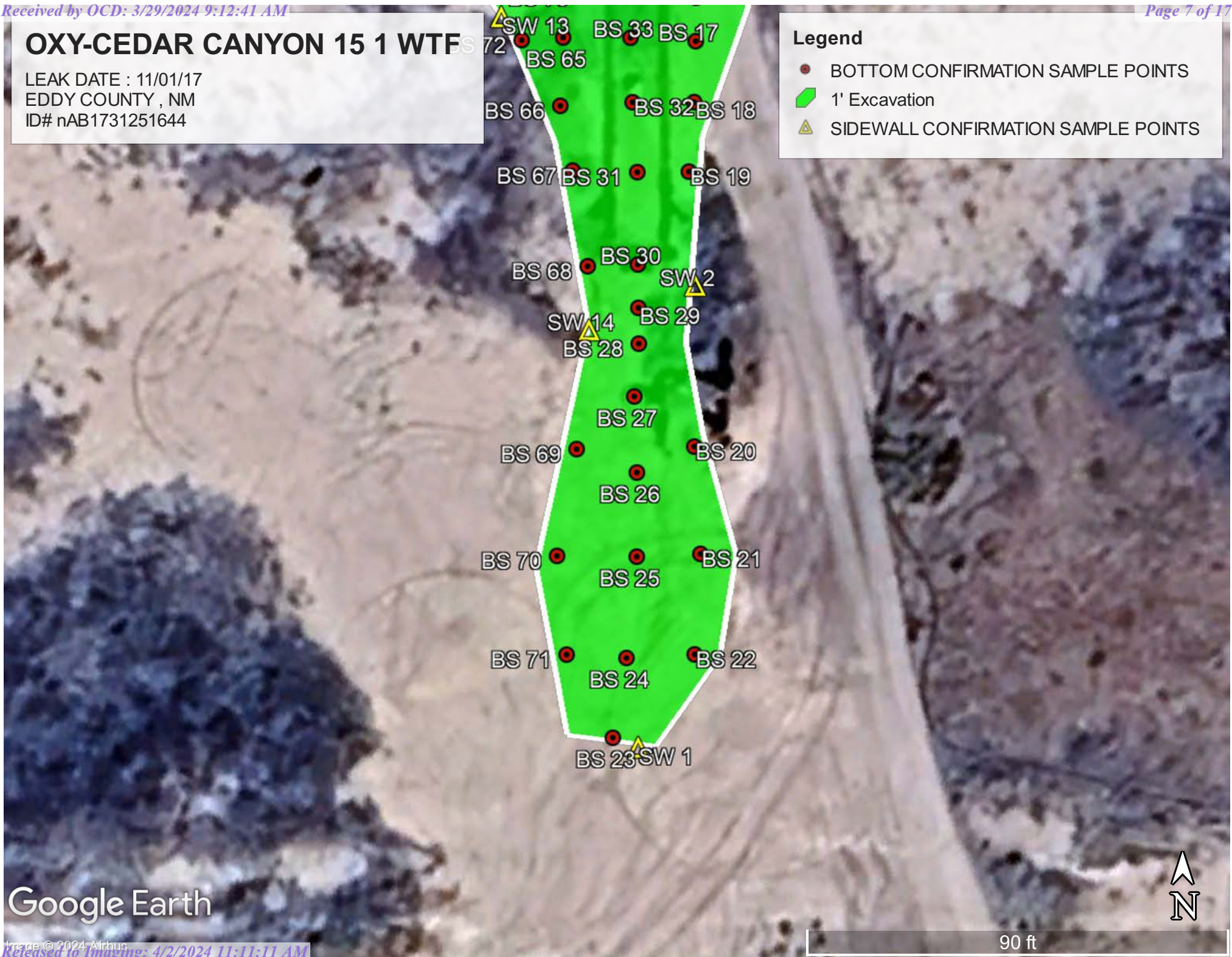


OXY-CEDAR CANYON 15 1 WTF

LEAK DATE : 11/01/17
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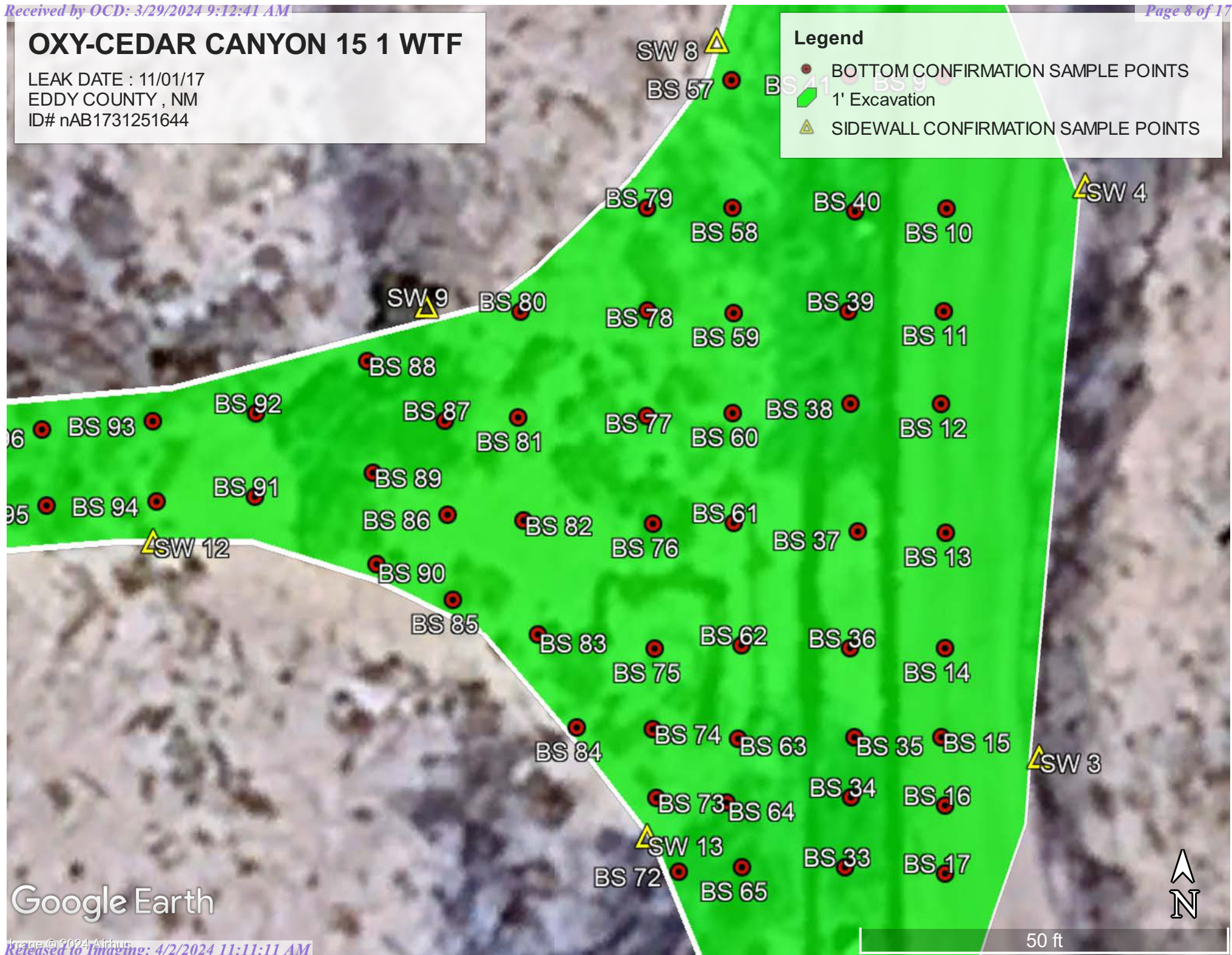


OXY-CEDAR CANYON 15 1 WTF

LEAK DATE : 11/01/17
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Legend

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- 1' Excavation
- ▲ SIDEWALL CONFIRMATION SAMPLE POINTS



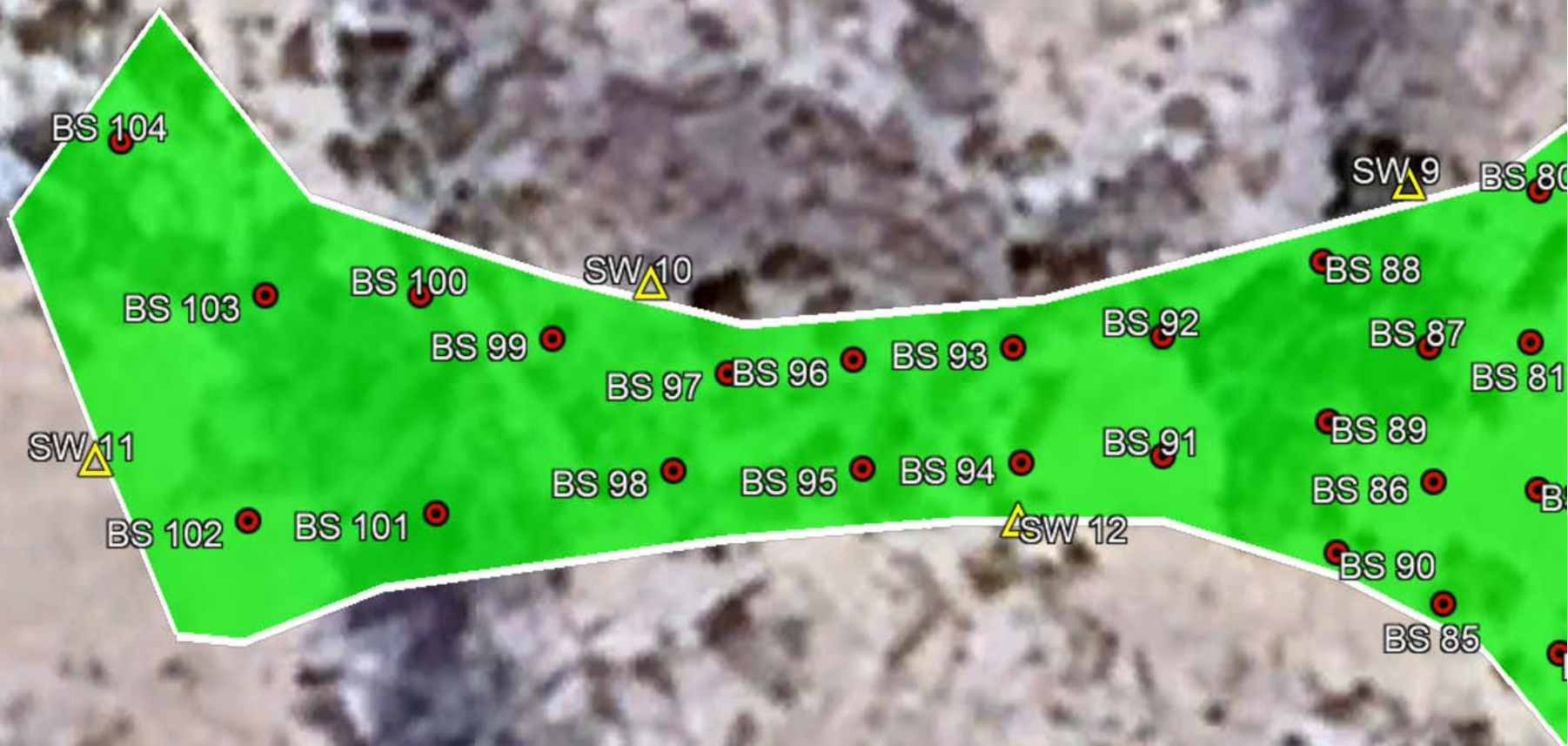
Google Earth

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

[illegible][illegible][illegible]

[illegible][illegible][illegible]

	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	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<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	80.0	80.0	80.0	80.0	80.0	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



Released to Imaging: 4/2/2024 11:11 AM

1:6,000

103°58'4"W 32°12'7"N

Basemap Imagery Source: USGS National Map 2023

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		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
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.

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

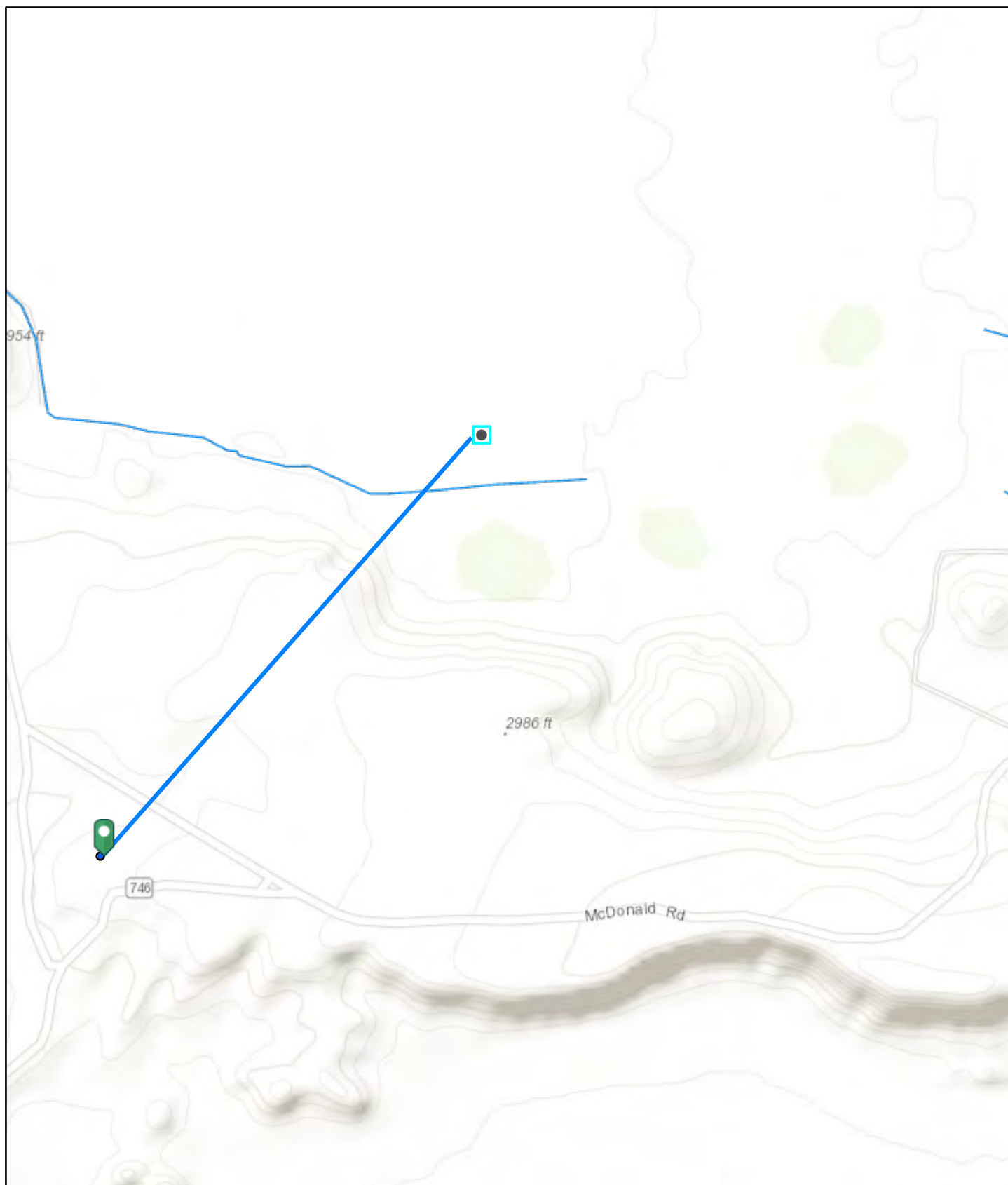
Image © 2024 Airbus

Released to Imaging: 4/2/2024 11:11:11 AM



1000 ft

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

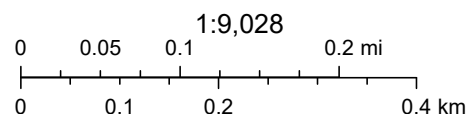


3/25/2024, 3:50:40 PM

OSE Water PODs

• Active

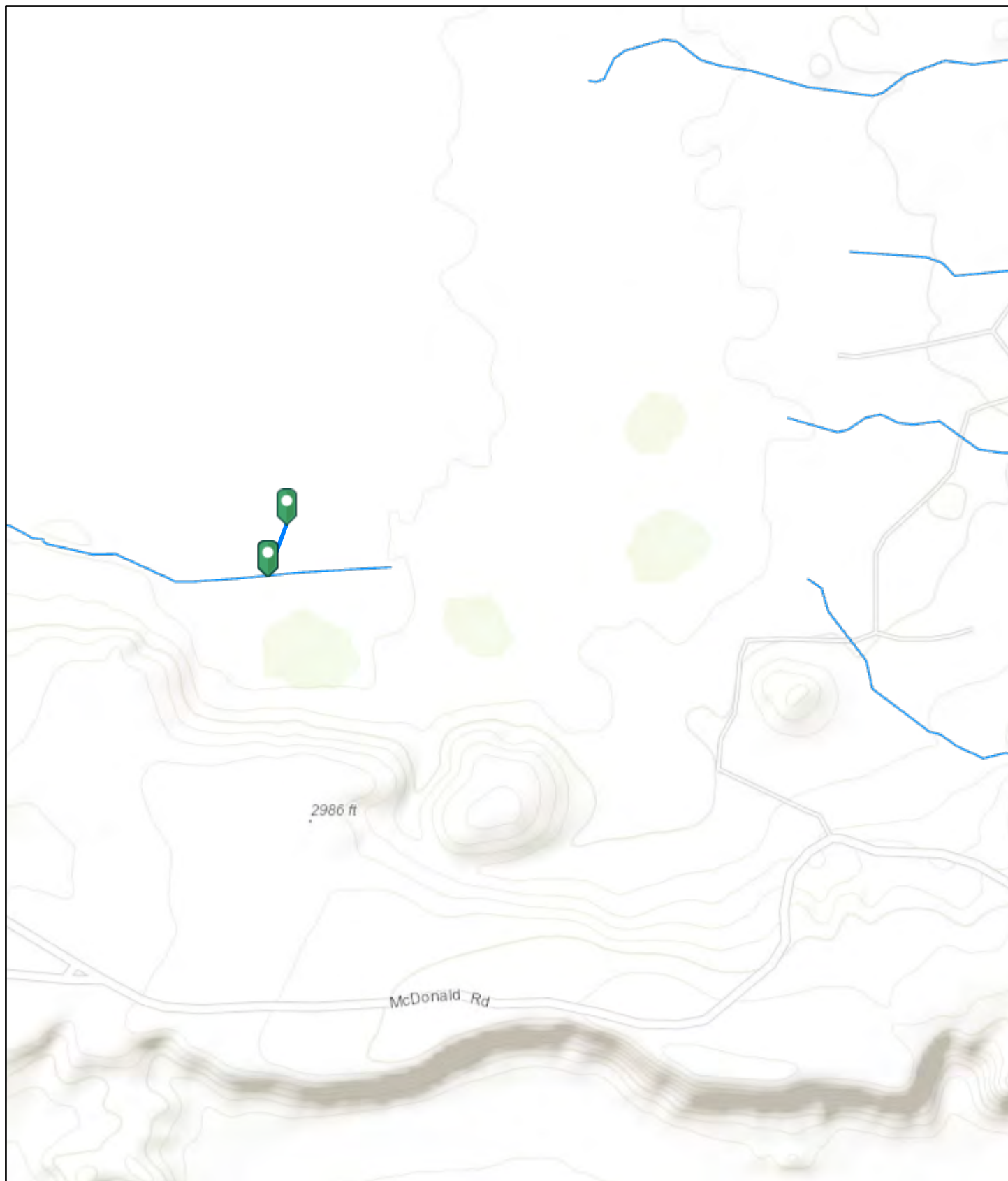
— OSE Streams



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

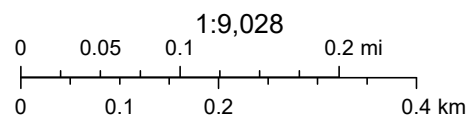
New Mexico Oil Conservation Division

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



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 TX	ZIP 77210
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 12	SECONDS 1.692 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LONGITUDE -103	58	43.9962 W			
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) FROM TO		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)
				NO CASING IN HOLE			
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT	
				N/A			

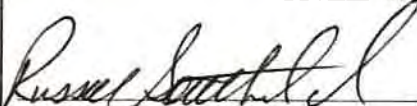
FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. C-4617-POD1 (SB-1)	POD NO. 1 (SB-1)	TRN NO. 725746
LOCATION Expl 24.29.22.313	WELL TAG ID NO. —	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	12		CALICHE	Y ✓ N	
	12	20		SAND	Y ✓ N	
	20	23		SAND	Y ✓ N	
	23	30		YELLOW SANDY SHALE	Y ✓ N	
	30	35		RED-YELLOW SHALE	Y ✓ N	
	35	40		SAND	Y ✓ N	
	40	60		DAMP SAND	Y ✓ N	
	60	70		SANDY CLAY RED	Y ✓ N	
	70	80		DAMP SAND	Y ✓ N	
	80	100		DARK TAN SANDY CLAY	Y ✓ N	
	100	110		DARK SAND	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input checked="" type="checkbox"/> OTHER - SPECIFY: DRY HOLE					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
		MISCELLANEOUS INFORMATION: THE INVESTIGATION SOIL BORING WILL BE INSTALLED TO DEPTH OF APPROX. 110' BELOW GROUND SURFACE. THE SOIL BORING WILL BE LEFT OPEN FOR APPROX. 72 HOURS, GAUGED WITH WATER LEVEL METER TO CHECK FOR POTENTIAL GROUNDWATER, THEN PLUGGED IN ACCORDANCE WITH THE ASSOCIATED WELL PLUG PLAN OF OPERATIONS
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:	

6. SIGNATURE	BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	05/31/2022 DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 04/30/2019)	
FILE NO.	C-4617-2021 (SB-1)	POD NO.	1 (SB-1)
LOCATION	Exp. 24.29.22.313	TRN NO.	725746
WELL TAG ID NO.		PAGE 2 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.

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



OXY – CEDAR CANYON 15 1 WTF (11/1/17)





OXY – CEDAR CANYON 15 1 WTF (11/1/17)





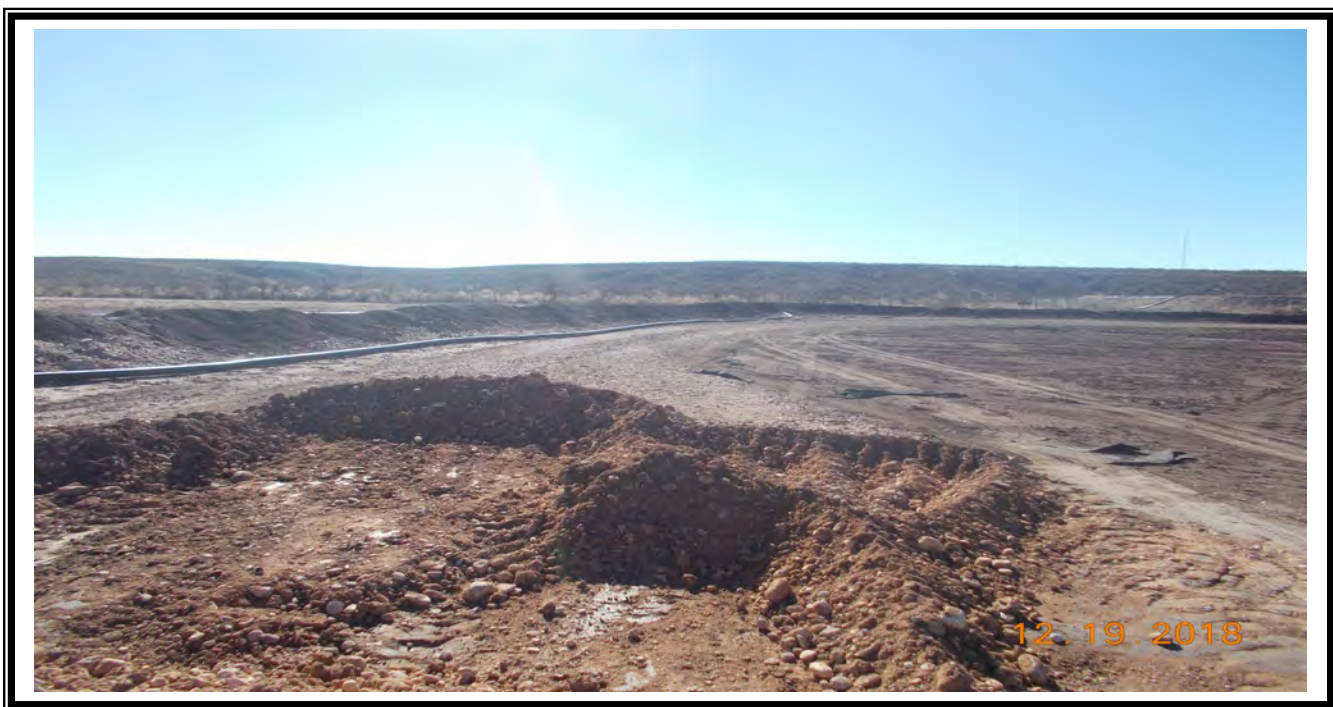
OXY – CEDAR CANYON 15 1 WTF (11/1/17)

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





OXY – CEDAR CANYON 15 1 WTF (11/1/17)



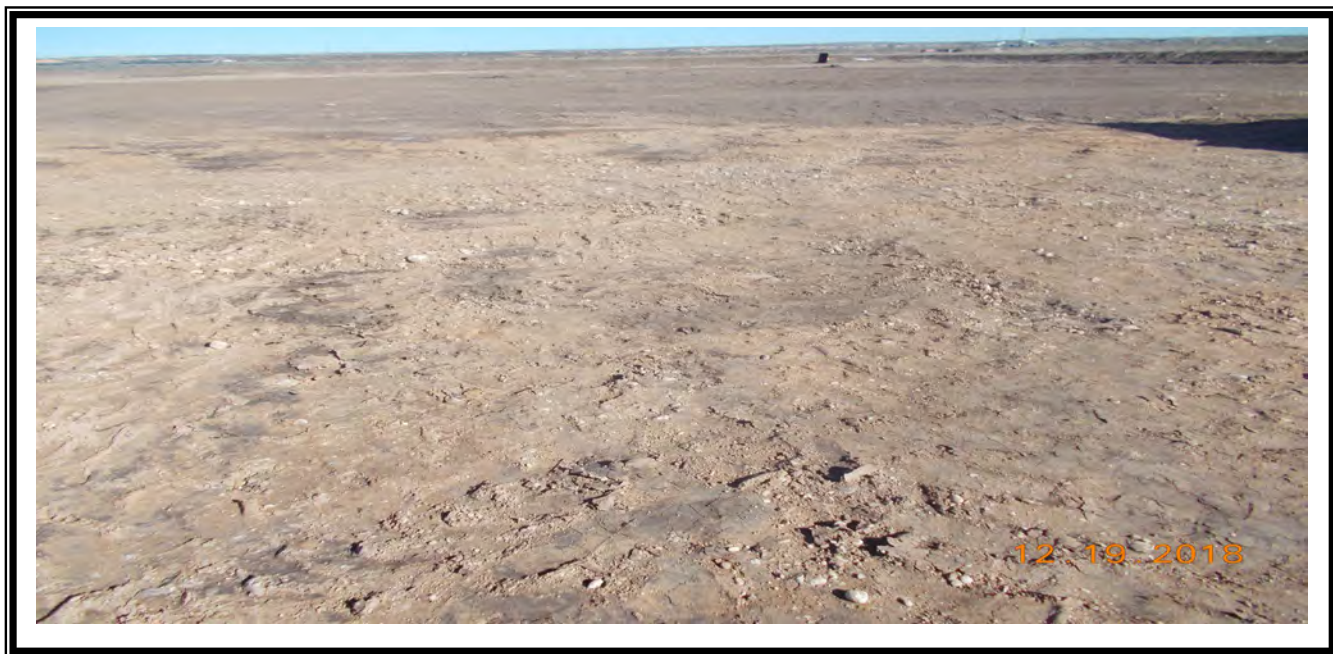


OXY – CEDAR CANYON 15 1 WTF (11/1/17)





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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, SM4500Cl-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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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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



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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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



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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, SM4500Cl-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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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

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



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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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



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Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, SM4500Cl-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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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:

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 Fax To: (575) 397-0397

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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:

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 Cliff Brunson
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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, SM4500Cl-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:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, SM4500Cl-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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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



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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, SM4500Cl-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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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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Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, SM4500Cl-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:

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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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:

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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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:

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 Hobbs NM, 88241
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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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:

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 Hobbs NM, 88241
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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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:

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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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:

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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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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Analytical Results For:

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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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:

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 P.O. Box 805
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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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:

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 Fax To: (575) 397-0397

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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
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 Fax To: (575) 397-0397

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

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

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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:

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 Hobbs NM, 88241
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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Analytical Results For:

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 P.O. Box 805
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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 49.1-148

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Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

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Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.2 % 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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.9 % 49.1-148

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Analytical Results For:

BBC International, Inc.
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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Analytical Results For:

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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 49.1-148

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Analytical Results For:

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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.4 % 49.1-148

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Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

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

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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	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:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Analytical Results For:

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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, SM4500Cl-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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, SM4500Cl-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



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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 86.3 % 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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, SM4500Cl-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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- 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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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

BILL TO

ANALYSIS REQUEST

P.O. #: Company: Oxy
Attn: Address: City: State: Zip: Phone #: Fax #:
FOR LAB USE ONLY

Lab I.D. H241506

Sample I.D.

Bottom Sample 1@1'
Bottom Sample 2@1'
Bottom Sample 3@1'
Bottom Sample 4@1'
Bottom Sample 5@1'
Bottom Sample 6@1'
Bottom Sample 7@1'
Bottom Sample 8@1'
Bottom Sample 9@1'
Bottom Sample 10@1'

(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER :
ACID/BASE:
ICE / COOL
OTHER :

DATE TIME
3/19/24 8:30AM
3/19/24 8:42AM
3/19/24 8:51AM
3/19/24 9:03AM
3/19/24 9:12AM
3/19/24 9:24AM
3/19/24 9:34AM
3/19/24 9:46AM
3/19/24 9:55AM
3/19/24 10:07AM

Chloride
BTEX
TPHEXT

PLEASE NOTE: Liability and Damages: Cardinal's liability and damages are limited to the amount paid by the client for the 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 claim, contract, tort, or otherwise.

Relinquished By:

Received By:

Relinquished By:

Received By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition
Cool Intact
Yes Yes
No No

CHECKED BY: (Initials)

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

24M Rush



ORDINAL LABORATORIES
101 East Maryland - Baltimore, MD 21202

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2023

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 Name: CEDAR CANYON 15 1 WTF (11/1/17) Project Location: New Mexico Sample Name: SIMON RENDON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
BILL TO				ANALYSIS REQUEST			

Sample I.D.	DATE	TIME	MATRIX			PRESERV	SAMPLING	Chloride	BTEX	TPH/EXT
			GROUNDWATER	WASTEWATER	SOIL					
11 BOTTOM SAMPLE 11@1'	3/19/24	10:18AM						✓	✓	✓
12 BOTTOM SAMPLE 12@1'	3/19/24	10:31AM						✓	✓	✓
13 BOTTOM SAMPLE 13@1'	3/19/24	10:42AM						✓	✓	✓
14 BOTTOM SAMPLE 14@1'	3/19/24	10:50AM						✓	✓	✓
15 BOTTOM SAMPLE 15@1'	3/19/24	11:01AM						✓	✓	✓
16 BOTTOM SAMPLE 16@1'	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. Cardholder's liability and client's recovery remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, 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: Date: 3-22-24 Time: 8:10 AM Received By: <i>Simon Rendón</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: REMARKS:

Relinquished By: Date: 3-22-24 Time: 8:10 AM Received By: <i>Simon Rendón</i>	Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials)
---	--	----------------------------------

Delivered By: (Circle One) <i>Simon Rendón</i>	Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials)
--	--	----------------------------------

Sampler - UPS - Bus - Other: Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476
--



ORDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3873

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #:				State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:									
Project Name: CEDAR CANYON 15 1 WTF (11/11/17) Project Location: New Mexico Sample Name: SIMON RENDON								BILL TO									
FOR LAB USE ONLY								ANALYSIS REQUEST									
Lab I.D. 1041506		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS		MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :		ACID/BASE: ICE / COOL OTHER :		DATE TIME		PRESERV SAMPLING		Chloride BTEX TPHEXT			
21		BOTTOM SAMPLE 21@1'		6						3/19/24		12:07PM		✓			
22		BOTTOM SAMPLE 22@1'								3/19/24		12:16PM		✓			
23		BOTTOM SAMPLE 23@1'								3/19/24		12:27PM		✓			
24		BOTTOM SAMPLE 24@1'								3/19/24		12:40PM		✓			
25		BOTTOM SAMPLE 25@1'								3/19/24		12:51PM		✓			
26		BOTTOM SAMPLE 26@1'								3/19/24		1:04PM		✓			
27		BOTTOM SAMPLE 27@1'								3/19/24		1:15AM		✓			
28		BOTTOM SAMPLE 28@1'								3/19/24		1:28PM		✓			
29		BOTTOM SAMPLE 29@1'								3/19/24		1:41PM		✓			
30		BOTTOM SAMPLE 30@1'								3/19/24		1:53PM		✓			

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Relinquished By: [Signature] Date: 3-22-24 Time: 6:00 AM		Received By: [Signature] Date: 3-22-24 Time: 6:10 AM		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
Relinquished By: [Signature] Date: 3-22-24 Time: 6:10 AM		Received By: [Signature] Date: 3-22-24 Time: 6:10 AM		REMARKS:	

Delivered By: (Circle One) Driver **Sample Condition:** ☒ Intact ☐ Cool ☐ Yes ☐ No

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

28hr Rush



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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

FOR LAB USE ONLY

Lab I.D. H41506

Sample I.D.

BOTTOM SAMPLE 31@1'
BOTTOM SAMPLE 32@1'
BOTTOM SAMPLE 33@1'
BOTTOM SAMPLE 34@1'
BOTTOM SAMPLE 35@1'
BOTTOM SAMPLE 36@1'
BOTTOM SAMPLE 37@1'
BOTTOM SAMPLE 38@1'

(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER :
ACID/BASE :
ICE / COOL
OTHER :

MATRIX

PRESERV

SAMPLING

DATE TIME

3/19/24 2:10PM
3/19/24 2:21PM
3/19/24 2:33PM
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

Chloride
BTEX
TPH/EXT

ANALYSIS REQUEST

Relinquished By:

Relinquished By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Date: 3-22-24 Received By:

Time: 8:05AM

Date: 3-22-24 Received By:

Time: 16:16

Time: 16:16

Time: 16:16

Time: 16:16

Sample Condition
Cool Intact
Yes Yes
No No

CHECKED BY: (Initials)

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

REMARKS:

48hr Resh

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ORDINAL LABORATORIES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

5413

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #:				P.O. #: Company: Oxy Attn: Address: City: State: NM Zip: 88241 Phone #:					
Project Name: CEDAR CANYON 15 1 WTF (11/1/17) Project Location: New Mexico Sample Name: SIMON RENDON				FOR LAB USE ONLY					
Lab I.D.		Sample I.D.		Matrix		Preserv		Sampling	
BOTTOM SAMPLE 39@1' BOTTOM SAMPLE 40@1' BOTTOM SAMPLE 41@1' BOTTOM SAMPLE 42@1' BOTTOM SAMPLE 43@1' BOTTOM SAMPLE 44@1' BOTTOM SAMPLE 45@1' BOTTOM SAMPLE 46@1' BOTTOM SAMPLE 47@1' BOTTOM SAMPLE 48@1'		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE COOL OTHER :		DATE TIME		ANALYSIS REQUEST		ANALYSIS REQUEST	
39 40 41 42 43 44 45 46 47 48		1 1 1 1 1 1 1 1 1 1		3/20/24 8:20AM 3/20/24 8:27AM 3/20/24 8:40AM 3/20/24 8:47AM 3/20/24 8:55AM 3/20/24 9:07AM 3/20/24 9:14AM 3/20/24 9:23AM 3/20/24 9:30AM 3/20/24 9:39AM		Chloride BTEX IPHEXT		ANALYSIS REQUEST	
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Relinquished By:				Date: 3-22-24 Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By:				Date: 3-22-24 Received By:				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
Delivered By: (Circle One)				Sample Condition Cool: <input type="checkbox"/> Yes <input type="checkbox"/> No Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No				CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:				REMARKS:				REMARKS:	



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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.				BILL TO				ANALYSIS REQUEST							
Project Manager: Cliff Brunson				P.O. #:											
Address: P.O. Box 805				Company: Oxy											
City: Hobbs				Attn:											
Phone #: 575-397-6388				Address:											
Fax #: 575-397-0397				City:											
Project #:				State: NM				Zip: 88241							
Project Name: CEDAR CANYON 15 1 WTF (11/1/17)				Project Owner: Oxy											
Project Location: New Mexico				State:				Zip:							
Sampler Name: SIMON RENDON				Phone #:											
Fax #:															
FOR LAB USE ONLY															
Lab I.D. H041506		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING			
49		BOTTOM SAMPLE 49@1'		9		1		GROUNDWATER				DATE			
50		BOTTOM SAMPLE 50@1'						WASTEWATER				TIME			
51		BOTTOM SAMPLE 51@1'						SOIL				3/20/24 9:46AM			
52		BOTTOM SAMPLE 52@1'						OIL				3/20/24 9:55AM			
53		BOTTOM SAMPLE 53@1'						SLUDGE				3/20/24 10:04AM			
54		BOTTOM SAMPLE 54@1'						OTHER :				3/20/24 10:16AM			
55		BOTTOM SAMPLE 55@1'						ACID/BASE:				3/20/24 10:24AM			
56		BOTTOM SAMPLE 56@1'						ICE / COOL				3/20/24 10:30AM			
57		BOTTOM SAMPLE 57@1'						OTHER :				3/20/24 10:38AM			
58		BOTTOM SAMPLE 58@1'										3/20/24 10:45AM			
												3/20/24 11:05AM			
												3/20/24 11:17AM			
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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: 8:00 AM			
Delivered By: (Circle One) [Signature]				Date: 3-22-24				Received By: [Signature]				Date: 3-22-24			
Delivered By: (Circle One) [Signature]				Time: 10:10				Received By: [Signature]				Time: 10:10			
Sampler - UPS - Bus - Other:				Sample Condition				CHECKED BY: (Initials)							
				Cool - Intact											
				Yes <input type="checkbox"/> No <input type="checkbox"/>											
				Yes <input type="checkbox"/> No <input type="checkbox"/>											
				REMARKS:											
				48h Rush											

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ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1813

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 Sample Name: SIMON RENDON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
FOR LAB USE ONLY				BILL TO			
Lab I.D. H241506				Sample I.D.			
BOTTOM SAMPLE 59@1' BOTTOM SAMPLE 60@1' BOTTOM SAMPLE 61@1' BOTTOM SAMPLE 62@1' BOTTOM SAMPLE 63@1' BOTTOM SAMPLE 64@1' BOTTOM SAMPLE 65@1' BOTTOM SAMPLE 66@1' BOTTOM SAMPLE 67@1' BOTTOM SAMPLE 68@1'				(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :			
DATE TIME				MATRIX PRESERV SAMPLING			
3/20/24 11:17AM 3/20/24 11:28AM 3/20/24 11:36AM 3/20/24 11:51AM 3/20/24 12:04PM 3/20/24 12:44PM 3/20/24 12:56PM 3/20/24 1:12PM 3/20/24 1:27PM 3/20/24 1:40PM				Chloride BTEX TPHEXT			
YES NO YES NO YES NO YES NO YES NO				YES NO YES NO YES NO YES NO YES NO			
ADD'l PHONE #: ADD'l FAX #: REMARKS:				48m Rust			



ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

8423

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				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
BILL TO				ANALYSIS REQUEST			
FOR LAB USE ONLY							
Lab I.D. H241506		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING	
19 BOTTOM SAMPLE 69@1' 20 BOTTOM SAMPLE 70@1' 21 BOTTOM SAMPLE 71@1' 22 BOTTOM SAMPLE 72@1' 23 BOTTOM SAMPLE 73@1' 24 BOTTOM SAMPLE 74@1' 25 BOTTOM SAMPLE 75@1' 26 BOTTOM SAMPLE 76@1' 27 BOTTOM SAMPLE 77@1' 28 BOTTOM SAMPLE 78@1'		DATE TIME		Chloride BTEX TPHEXT			
3/20/24 1:53PM 3/20/24 2:03PM 3/20/24 2:16PM 3/20/24 2:31PM 3/20/24 2:43PM 3/20/24 2:56PM 3/20/24 3:05PM 3/20/24 3:15PM 3/20/24 3:23PM 3/20/24 3:30PM		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓			

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Relinquished By: [Signature] Date: 3-22-24 Time: 8:00 AM		Received By: [Signature] Date: 3-22-24 Time: 10:16 AM	
Relinquished By: [Signature] Date: 3-22-24 Time: 10:16 AM		Received By: [Signature] Date: 3-22-24 Time: 10:16 AM	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool: <input checked="" type="checkbox"/> Intact: <input checked="" type="checkbox"/> Yes No Yes No	
Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476		CHECKED BY: [Signature] (Initials)	

REMARKS:
 48m Rush



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4823

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 Sample Name: SIMON RENDON				P.O. #: Company: Oxy Attn: Address: City: State: Phone #: Zip:							
FOR LAB USE ONLY Lab I.D. H2411906 Sample I.D.				Matrix: <input type="checkbox"/> (G)RAB OR (C)OMP, <input type="checkbox"/> # CONTAINERS <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER : <input type="checkbox"/> ACID/BASE: <input checked="" type="checkbox"/> ICE / <input checked="" type="checkbox"/> COOL <input type="checkbox"/> OTHER :				Preserv: <input type="checkbox"/> DATE <input type="checkbox"/> TIME <input type="checkbox"/> SAMPLING			
BOTTOM SAMPLE 79@1' BOTTOM SAMPLE 80@1' BOTTOM SAMPLE 81@1' BOTTOM SAMPLE 82@1' BOTTOM SAMPLE 83@1' BOTTOM SAMPLE 84@1' BOTTOM SAMPLE 85@1' BOTTOM SAMPLE 86@1' BOTTOM SAMPLE 87@1' BOTTOM SAMPLE 88@1'				3/20/24 3:36PM ✓ 3/20/24 3:45PM ✓ 3/20/24 3:54PM ✓ 3/20/24 4:04PM ✓ 3/21/24 8:24AM ✓ 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 ✓				Chloride BTEX TPHEXT			

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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]* **Time:** 10:10 **Received By:** *[Signature]* **Time:** 1:30

Sampler - UPS - Bus - Other: *[Signature]* **Sample Condition:** ☒ Intact ☐ Damaged **Checked By:** *[Signature]* **Initials:** *[Signature]*

REMARKS: 48 m Rush



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

108123

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST											
Project Manager: Cliff Brunson				P.O. #:															
Address: P.O. Box 805				Company: Oxy															
City: Hobbs				Attn:															
Phone #: 575-397-6388				Address:															
State: NM Zip: 88241				City:															
Fax #: 575-397-0397				State:															
Project #:				Zip:															
Project Name: CEDAR CANYON 15 1 WTF (11/1/17)				Phone #:															
Project Location: New Mexico				Fax #:															
Sampler Name: SIMON RENDON																			
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING							
88		BOTTOM SAMPLE 89@1'		✓				GROUNDWATER				DATE		TIME					
90		BOTTOM SAMPLE 90@1'		✓				WASTEWATER				3/21/24		9:32AM					
91		BOTTOM SAMPLE 91@1'		✓				SOIL				3/21/24		9:42AM					
92		BOTTOM SAMPLE 92@1'		✓				OIL				3/21/24		9:54AM					
93		BOTTOM SAMPLE 93@1'		✓				SLUDGE				3/21/24		10:05AM					
94		BOTTOM SAMPLE 94@1'		✓				OTHER :				3/21/24		10:16AM					
95		BOTTOM SAMPLE 95@1'		✓				ACID/BASE:				3/21/24		10:23AM					
96		BOTTOM SAMPLE 96@1'		✓				ICE / COOL				3/21/24		10:30AM					
97		BOTTOM SAMPLE 97@1'		✓				OTHER :				3/21/24		10:38AM					
98		BOTTOM SAMPLE 98@1'		✓								3/21/24		10:49AM					
												3/21/24		11:00AM					
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business 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 rendered by Cardinal, regardless of whether such claim is based upon all or all of the above stated reasons or otherwise.																			
Relinquished By:				Date: 3-22-24				Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:							
Relinquished By:				Time: 8:00 AM				Received By:				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:							
Delivered By: (Circle One)				Date: 3-22-24				Received By:				REMARKS:							
Sampler - UPS - Bus - Other:				Time: 12:16				Received By:				218 hr fresh							
Delivered By: (Circle One)				Time: 1:30				Received By:											
Sampler - UPS - Bus - Other:				Time: 1:40				Received By:											
Sample Condition:				CHECKED BY: (Initials)				Sample Condition:											
Cool <input type="checkbox"/> Intact <input type="checkbox"/>				Cool <input type="checkbox"/> Intact <input type="checkbox"/>				Cool <input type="checkbox"/> Intact <input type="checkbox"/>											
Yes <input type="checkbox"/> No <input type="checkbox"/>				Yes <input type="checkbox"/> No <input type="checkbox"/>				Yes <input type="checkbox"/> No <input type="checkbox"/>											



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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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	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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SIDEWALL 5 (H241507-12)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 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
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 Fax To: (575) 397-0397

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SIDEWALL 6 (H241507-13)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	03/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 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 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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, 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 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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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Analytical Results For:

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

Received: 03/22/2024
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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



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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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



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
 Reported: 03/26/2024
 Project Name: CEDAR CANYON 15-1 WTF
 Project Number: 11-01-17
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

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

Celey D. Keene, Lab Director/Quality Manager



ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

11/18/23

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 FOR LAB USE ONLY				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST			
Lab I.D. H041507		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE : ICE / <u>NOON</u> OTHER :		PRESERV SAMPLING		DATE TIME		Chloride BTX TPHEXT	
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: <i>[Signature]</i> Date: 3-22-24 Received By: <i>[Signature]</i> Time: 8:10 AM		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
Relinquished By: <i>[Signature]</i> Date: 3-22-24 Received By: <i>[Signature]</i> Time: 8:10 AM		REMARKS:	

Delivered By: (Circle One) *[Signature]* **Sample Condition** ☒ Cool ☐ Intact ☐ Yes ☐ No **CHECKED BY:** (Initials) *[Signature]*
Sampler - UPS - Bus - Other: *[Signature]* **48m Push**

Page 24 of 26



ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

12423

Company Name: BBC International, Inc.						P.O. #:						ANALYSIS REQUEST											
Project Manager: Cliff Brunson						Company: Oxy																	
Address: P.O. Box 805						Attn:																	
City: Hobbs						State: NM Zip: 88241																	
Phone #: 575-397-6388						Fax #: 575-397-0397																	
Project #:						Project Owner: Oxy																	
Project Name: CEDAR CANYON 15 1 WTF (11/1/17)						City:																	
Project Location: New Mexico						State: Zip:																	
Sample Name: SIMON RENDON						Phone #:																	
FOR LAB USE ONLY						Fax #:																	
Lab I.D. H941501						Matrix																	
Sample I.D.						PRESERV.																	
(G)RAB OR (C)OMP.						SAMPLING																	
# CONTAINERS																							
GROUNDWATER																							
WASTEWATER																							
SOIL																							
OIL																							
SLUDGE																							
OTHER :																							
ACID/BASE:																							
ICE / COOL																							
OTHER :																							
DATE						TIME																	
11 SIDEWALL 4						3/21/24						1:32PM						✓ Chloride					
12 SIDEWALL 5						3/21/24						1:40PM						✓ ✓ BTEX					
13 SIDEWALL 6						3/21/24						1:48PM						✓ ✓ TPHEXT					
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]											
Time: 8:00 AM												Cool Intact: Yes No											
Delivered By: [Signature]												Time: 16:16											
Sample Condition: -1-30c												Checked BY: [Signature]											
Sampler - UPS - Bus - Other: #140												LHM Bush											



ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

13473

[illegible]

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

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	
Please answer all the questions in this group.	
Site Name	CEDAR CANYON 15 1 WATER TREATMENT FACILITY
Date Release Discovered	11/01/2017
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
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	
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.	
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>
<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.</i>	

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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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
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.	
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)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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.
<i>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>	
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
<i>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.</i>	

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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	
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.	
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	
Only answer the questions in this group if all reclamation steps have been completed.	
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