

Closure Report

nAPP2129940931

Site Description

Site Name:	MESA VERDE WTR TREATMENT FACILITY
Company:	OXY
Legal Description:	U/L: N, SECTION 13, T24S, R31E
County:	LEA COUNTY, NM
GPS Coordinates:	N32.21202 , W-103.73174

Release Data

Date of Release:	10/3/2021
Type of Release:	PRODUCED WATER
Source of Release:	INTEGRATION PIPELINE LEAKED
Volume of Release:	0BBLS CRUDE OIL/ 25 BBLS PRODUCED WATER
Volume Recovered:	0BBLS CRUDE OIL/ 0BBLS PRODUCED WATER

Remediation Specifications

Remediation Parameters The leak area near SP1 and SP7 (WHITE shade on diagram) will be excavated to a depth of 4 feet. The leak area near SP2, SP3, SP4, and SP6 (GREEN shade on diagram) was excavated to a depth of 3 feet. The leak area near SP5 (BLUE shade on diagram) required zero remediation.
 OXY collected sidewall and bottom confirmation samples every 200 square feet.

Remediation Activities:

Plan Sent to OCD:	FROM CLIFF TO BLM NM AND WADE
OCD Approval of Plan:	FROM @STATE.NM.US TO WADE AND CLIFF
Plan Sent to BLM:	FROM CLIFF TO SPILL@BLM AND WADE
BLM Approval of Plan:	FROM JAMOS@BLM.GOV TO WADE AND CLIFF

Supporting Documentation

C 141 PAGE 6	9/22/2022
SITE DIAGRAM	GOOGLE EARTH MAP WITH CONFIRMATION SAMPLES
PICTURES	CLOSURE PICTURES
LAB SUMMARY	CLOSURE SAMPLES
LAB ANALYSIS	CLOSURE SAMPLES
SAMPLE NOTIFICATION	7/11/22, 8/25/2022

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

10/11/2022

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

Incident ID	nAPP2129940931
District RP	
Facility ID	
Application ID	30-015-44549

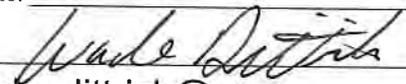
Closure

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature:  Date: 9-22-22
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: Jocelyn Harimon Date: 01/05/2023

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: _____

From: [Hamlet, Robert, EMNRD](#)
To: [Cliff Brunson](#)
Cc: "[Wade Dittrich](#)"; "[Ken Swinney](#)"; "[Jennifer Gilkey](#)"; [Kathy Sweeney](#); [Bratcher, Mike, EMNRD](#); [Nobui, Jennifer, EMNRD](#); [Harimon, Jocelyn, EMNRD](#)
Subject: (Extension Approval) OXY - Mesa Verde WTR Treatment Facility (nAPP2129940931)
Date: Monday, July 11, 2022 7:41:01 AM

Cliff,

Your request for an extension to **October 11th, 2022** is approved. Have a closure report completed and loaded onto the payment portal by that date. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Cliff Brunson <cbrunson@bbcinternational.com>
Sent: Friday, July 8, 2022 5:36 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; 'Wade Dittrich' <Wade_Dittrich@oxy.com>; 'Ken Swinney' <kswinney@bbcinternational.com>; 'Jennifer Gilkey' <jgilkey@bbcinternational.com>; Kathy Sweeney <kathys@bbcinternational.com>
Subject: [EXTERNAL] OXY - Mesa Verde WTR Treatment Facility (nAPP2129940931) - Extension Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Oxy is requesting a 90-day extension to the Closure Due date of 7/11/22 for the Mesa Verde WTR Treatment Facility (nAPP2129940931). BBC has just started working on this site (see attached picture).

If you have any questions, please let me or Wade know.

Thanks, Cliff

From: [Cliff Brunson](#)
To: ["Enviro, OCD, EMNRD"](#)
Cc: ["Wade Dittrich"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); [Kathy Sweeney](#)
Subject: OXY-Mesa Verde WTR Treatment Facility - Sampling Notification
Date: Thursday, August 25, 2022 5:04:08 PM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Mesa Verde WTR Treatment Facility (nAPP2129940931) on Monday, August 29, 2022 at 9:00 a.m.

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



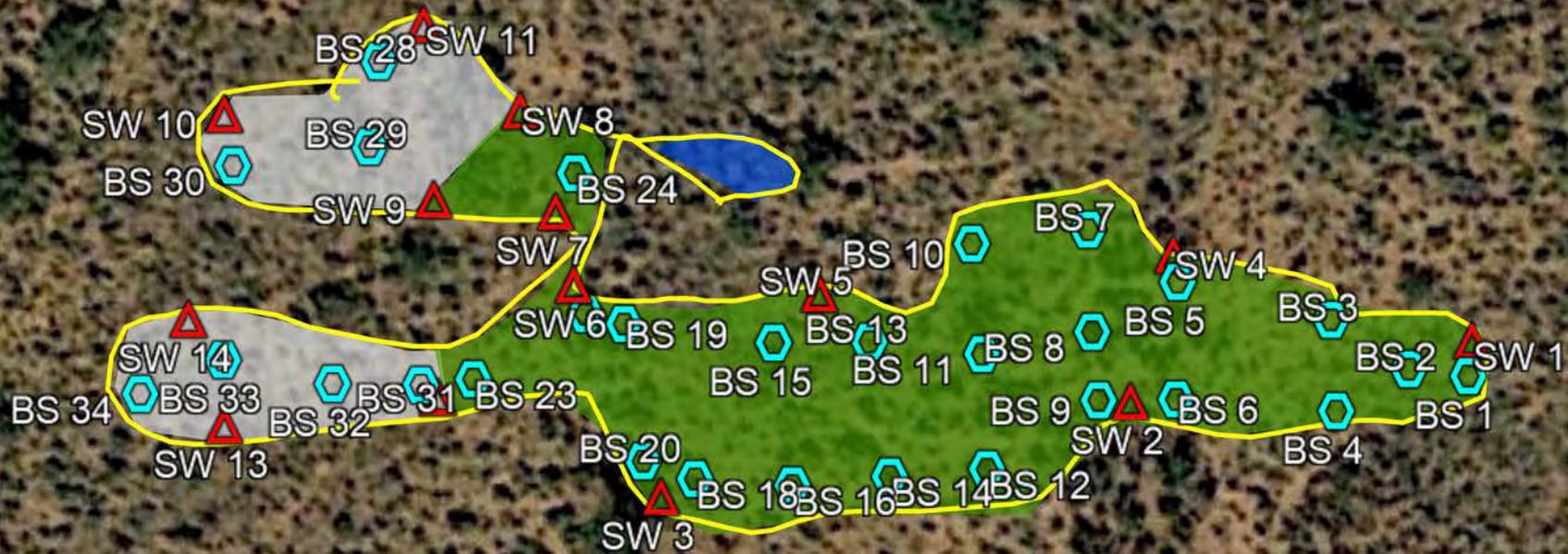
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OXY MESA VERDE WTR TREATMENT

LEAK DATE 10/3/21
INCIDENT ID # nAPP2129940931
LEA COUNTY , NM

Legend

-  3FT EXCAVATION
-  4FT EXCAVATION
-  BOTTOM CONFIRMATION SAMPLE POINTS
-  LEAK AREA
-  SIDEWALL CONFIRMATION SAMPLE POINTS
-  ZERO EXCAVATION



OXY- MESA VERDE WTR TREATMENT FACILITY (10/3/21)

SAMPLE DATE 8/29/2

BOTTOM SAMPLE

BS 1@ 3'	N 32.211832	W-103.731243
BS 2 @3'	N 32.211833	W-103.731257
BS 3@ 3'	N 32.211853	W-103.731311
BS 4@3'	N 32.211817	W-103.731308
BS 5@3'	N 32.211871	W-103.731387
BS6@3'	N 32.211822	W-103.731388
BS 7@3'	N 32.211850	W-103.731431
BS 8@3'	N 32.211821	W-103.731429
BS 9@3'	N 32.211821	W-103.731426
BS 10@3'	N 32.211887	W-103.731489
BS 11@3'	N 32.211841	W-103.731484
BS 12@3'	N 32.211793	W-103.731481
BS 13@3'	N 32.211846	W-103.731539
BS 14@3'	N 32.211789	W-103.731529
BS 15@3'	N 32.211846	W-103.731587
BS 16@3'	N 32.211786	W-103.731178
BS 17@3'	N 32.211848	W-103.731631
BS18 @3'	N 32.211788	W-103.731626
BS 19@3'	N 32.211853	W-103.731661
BS 20@ 3'	N 32.211796	W-103.731651
BS 21@3'	N 32.211857	W-103.731680
BS 22@3'	N 32.211870	W-103.731694
BS 23@3'	N 32.211830	W-103.731736
BS 24@ 3'	N 32.211916	W-103.731685
BS 25@3'	N 32.211909	W-103.731742
BS 26@4'	N 32.211950	W-103.731732
BS 27@4'	N 32.211917	W-103.731762
BS 28 @4'	N 32.211928	W-103.731782
BS 29@4'	N 32.211928	W-103.731787
BS 30@4'	N 32.211919	W-103.731855
BS 31@4'	N 32.211828	W-103.731762
BS 32@4'	N 32.211828	W-103.731805
BS 33@4'	N 32.211838	W-103.731860
BS 34@4'	N 32.211824	W-103.731900

SIDEWALL SAMPLES

SW 1	N 32.211846	W-103.731241
SW 2	N 32.211821	W-103.731410
SW 3	N 32.211781	W-103.731643
SW 4	N 32.211870	W-103.731686

SW 5	N 32.211866	W-103.731564
SW 6	N 32.211882	W-103.731389
SW 7	N 32.211900	W-103.731695
SW 8	N 32.211943	W-103.731713
SW 9	N 32.211905	W-103.731755
SW 10	N 32.211941	W-103.731859
SW 11	N 32.211979	W-103.731760
SW 12	N 32.211823	W-103.731753
SW 13	N 32.211811	W-103.731859
SW 14	N 32.211855	W-103.731877

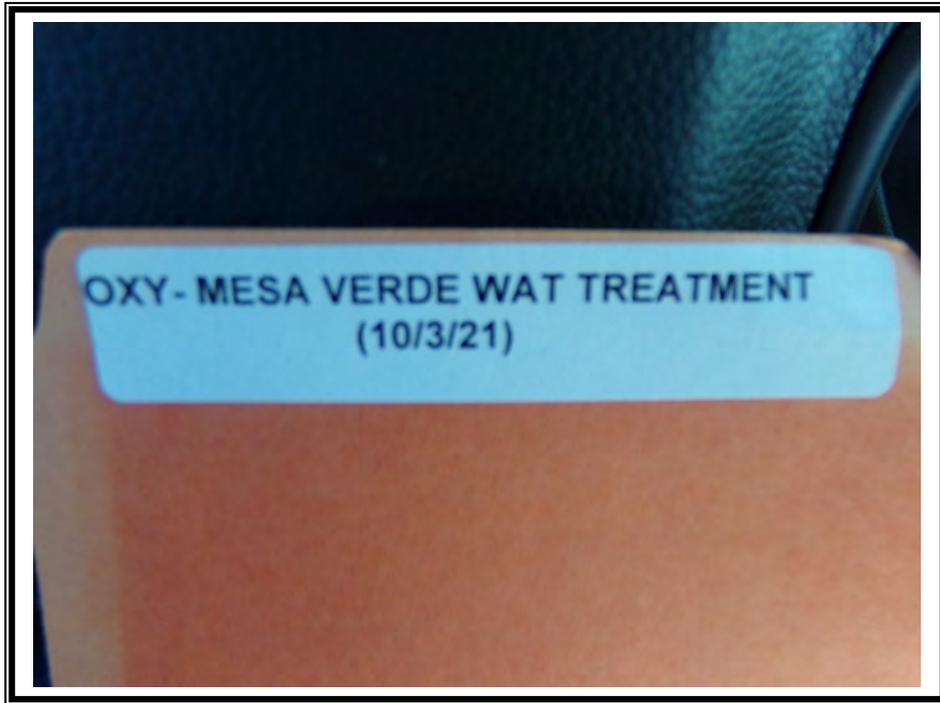
	Sample ID	BS 1 @ 3'	BS 2 @ 3'	BS 3 @ 3'	BS 4 @ 3'	BS 5 @ 3'	BS 6 @ 3'	BS 7 @ 3'	BS 8 @ 3'	BS 9 @ 3'	BS10@ 3'	BS 11 @ 3'	BS12 @ 3'	BS13 @ 3'	BS14 @ 3'	BS15 @ 3'	BS16 @ 3'	BS17 @ 3'	BS18 @ 3'	
Analyte	Date	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	<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	<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	<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	<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	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		32.0	<16.0	<16.0	32.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
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	<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	<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	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 19@ 3'	BS 20@ 3'	BS 21@ 3'	BS 22@ 3'	BS 23@3'	BS 24@3'	BS 25@3'	BS 26@4'	BS27@4'	BS 28@4'	BS 29@4'	BS 30@ 4'	BS31@4'	BS 32@4'	BS 33@4'	BS 34@4'
Analyte	Date	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	0.066	<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	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150	<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	<0.300	<0.300
Chloride		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
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	<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	<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	<10.0	<10.0

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8	SW 9	SW 10	SW 11	SW 12	SW 13	SW 14
Analyte	Date	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22	8/29/22
		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	0.066	<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	<0.0150	<0.0150	<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		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
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



OXY – MESA VERDE WTR TREATMENT (10/3/21)





OXY – MESA VERDE WTR TREATMENT (10/3/21)





OXY – MESA VERDE WTR TREATMENT (10/3/21)





OXY – MESA VERDE WTR TREATMENT (10/3/21)





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OXY – MESA VERDE WTR TREATMENT (10/3/21)





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

September 06, 2022

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

RE: MESA VERDE WTR

Enclosed are the results of analyses for samples received by the laboratory on 08/31/22 14:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 1 @ 3' (H224013-01)

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	09/02/2022	ND	1.73	86.5	2.00	9.02	
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/02/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 2 @ 3' (H224013-02)

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	09/02/2022	ND	1.73	86.5	2.00	9.02	
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 81.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.0 % 46.3-178

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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 3 @ 3' (H224013-03)

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	09/02/2022	ND	1.73	86.5	2.00	9.02		
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0		
Total BTEX	<0.300	0.300	09/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	203	102	200	3.16		
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	214	107	200	3.48		
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND						

Surrogate: 1-Chlorooctane 87.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 4 @ 3' (H224013-04)

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	09/02/2022	ND	1.73	86.5	2.00	9.02	
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/02/2022	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	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 88.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 5 @ 3' (H224013-05)

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	09/02/2022	ND	1.73	86.5	2.00	9.02	
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 90.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 6 @ 3' (H224013-06)

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	09/01/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/01/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 78.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 7 @ 3' (H224013-07)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/01/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 84.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 8 @ 3' (H224013-08)

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	09/01/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/01/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 79.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 9 @ 3' (H224013-09)

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	09/01/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/01/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 10 @ 3' (H224013-10)

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	09/01/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/01/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 11 @ 3' (H224013-11)

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	09/01/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/01/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 77.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 12 @ 3' (H224013-12)

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	09/01/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/01/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 13 @ 3' (H224013-13)

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	09/01/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/01/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 14 @ 3' (H224013-14)

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	09/01/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/01/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 15 @ 3' (H224013-15)

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	09/02/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/02/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 82.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 16 @ 3' (H224013-16)

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	09/02/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/02/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/01/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 17 @ 3' (H224013-17)

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	09/02/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/02/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/01/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 18 @ 3' (H224013-18)

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	09/02/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/02/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/01/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 19 @ 3' (H224013-19)

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	09/02/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/02/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/01/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 20 @ 3' (H224013-20)

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	09/02/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/02/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/02/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 21 @ 3' (H224013-21)

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	09/02/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/02/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/02/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 22 @ 3' (H224013-22)

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	09/02/2022	ND	2.05	103	2.00	1.29	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.99	99.3	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	6.12	102	6.00	0.683	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/02/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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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:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 23 @ 3' (H224013-23)

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	09/02/2022	ND	2.05	103	2.00	1.29		
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	1.31		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.99	99.3	2.00	1.44		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	6.12	102	6.00	0.683		
Total BTEX	<0.300	0.300	09/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2022	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	09/02/2022	ND	204	102	200	2.81		
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	200	99.9	200	1.50		
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND						

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 24 @ 3' (H224013-24)

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	09/02/2022	ND	2.05	103	2.00	1.29	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.99	99.3	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	6.12	102	6.00	0.683	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 98.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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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:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 25 @ 3' (H224013-25)

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	09/02/2022	ND	2.05	103	2.00	1.29	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.99	99.3	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	6.12	102	6.00	0.683	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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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:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 26 @ 4' (H224013-26)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 87.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 27 @ 4' (H224013-27)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 82.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 28 @ 4' (H224013-28)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 81.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.2 % 46.3-178

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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 29 @ 4' (H224013-29)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 30 @ 4' (H224013-30)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 78.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 31 @ 4' (H224013-31)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 82.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.3 % 46.3-178

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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 32 @ 4' (H224013-32)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 87.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.5 % 46.3-178

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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 33 @ 4' (H224013-33)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 88.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BOTTOM SAMPLE 34 @ 4' (H224013-34)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.5 % 46.3-178

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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SIDEWALL SAMPLE 1 (H224013-35)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	204	102	200	2.81	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	200	99.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SIDEWALL SAMPLE 2 (H224013-36)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 69.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SIDEWALL SAMPLE 3 (H224013-37)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 71.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SIDEWALL SAMPLE 4 (H224013-38)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 75.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SIDEWALL SAMPLE 5 (H224013-39)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SIDEWALL SAMPLE 6 (H224013-40)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 79.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.0 % 46.3-178

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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SIDEWALL SAMPLE 7 (H224013-41)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 73.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.7 % 46.3-178

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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SIDEWALL SAMPLE 8 (H224013-42)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 69.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SIDEWALL SAMPLE 9 (H224013-43)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 73.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SIDEWALL SAMPLE 10 (H224013-44)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 75.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SIDEWALL SAMPLE 11 (H224013-45)

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	09/02/2022	ND	2.01	100	2.00	3.43	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	2.95	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.93	96.3	2.00	0.662	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.99	99.8	6.00	0.377	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 73.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SIDEWALL SAMPLE 12 (H224013-46)

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	09/02/2022	ND	2.05	103	2.00	1.29	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.99	99.3	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	6.12	102	6.00	0.683	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 72.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SIDEWALL SAMPLE 13 (H224013-47)

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	09/02/2022	ND	2.05	103	2.00	1.29	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.99	99.3	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	6.12	102	6.00	0.683	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 65.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/29/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	MESA VERDE WTR	Sampling Condition:	Cool & Intact
Project Number:	(10/3/21) TREATMENT FACILITY	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SIDEWALL SAMPLE 14 (H224013-48)

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	09/02/2022	ND	2.05	103	2.00	1.29	
Toluene*	<0.050	0.050	09/02/2022	ND	2.01	100	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.99	99.3	2.00	1.44	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	6.12	102	6.00	0.683	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2022	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	09/03/2022	ND	217	108	200	0.349	
DRO >C10-C28*	<10.0	10.0	09/03/2022	ND	219	110	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	09/03/2022	ND					

Surrogate: 1-Chlorooctane 72.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.9 % 46.3-178

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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.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BGC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: MESA Project Name: MESA VERDE WTR TREATMENT FACILITY (10/3/21) Project Location: New Mexico Sampler Name: SIMON		State: NM zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy Project Name: TREATMENT New Mexico SIMON		BILL TO P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		ANALYSIS REQUEST														
Lab I.D. 4824013	Sample I.D.	(G)RAB OR (C)OMP. <input checked="" type="checkbox"/>	# CONTAINERS	MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	PRESERV ACID/BASE: ICE / COOL OTHER :	DATE	TIME	Chloride BTEX TPHEXT												
1	BOTTOM SAMPLE 1 @ 3'					8/29/22	8:20AM	✓	✓	✓										
2	BOTTOM SAMPLE 2 @ 3'					8/29/22	8:29AM	✓	✓	✓										
3	BOTTOM SAMPLE 3 @ 3'					8/29/22	8:40AM	✓	✓	✓										
4	BOTTOM SAMPLE 4 @ 3'					8/29/22	8:49AM	✓	✓	✓										
5	BOTTOM SAMPLE 5 @ 3'					8/29/22	8:56AM	✓	✓	✓										
6	BOTTOM SAMPLE 6 @ 3'					8/29/22	9:04AM	✓	✓	✓										
7	BOTTOM SAMPLE 7 @ 3'					8/29/22	9:14AM	✓	✓	✓										
8	BOTTOM SAMPLE 8 @ 3'					8/29/22	9:23AM	✓	✓	✓										
9	BOTTOM SAMPLE 9 @ 3'					8/29/22	9:30AM	✓	✓	✓										
10	BOTTOM SAMPLE 10 @ 3'					8/29/22	9:39AM	✓	✓	✓										

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Reinquished By: *Amber Ryeck* Date: **8-31-22** Received By: *Amber Ryeck*
 Reinquished By: *Amber Ryeck* Date: **8-31-22** Received By: *Amber Ryeck*
 Delivered By: (Circle One) *California* Sample Condition: Cool Intact
 Sampler - UPS - Bus - Other: *-4.0 / -4.6* #113 *Amber Ryeck* CHECKED BY: *Amber Ryeck* (Initials)

REMARKS: ** Project name revised as per Kathy. 9/6/21 ck*

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

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: <i>WESA</i> Project Owner: Oxy Project Name: <i>MASE VERDE WTR TREATMENT FACILITY (10/3/21)</i> Project Location: New Mexico <i>TREATMENT</i> Sampler Name: SIMON		BILL TO P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. <i>BB24015</i> Sample I.D. _____		MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: _____ ACID/BASE: ICE / COOL OTHER: _____	
(G)RAB OR (C)OMP. _____ # CONTAINERS _____		PRESERV DATE TIME	
BOTTOM SAMPLE 21 @ 3' BOTTOM SAMPLE 22 @ 3' BOTTOM SAMPLE 23 @ 3' BOTTOM SAMPLE 24 @ 3' BOTTOM SAMPLE 25 @ 3' BOTTOM SAMPLE 26 @ 4' BOTTOM SAMPLE 27 @ 4' BOTTOM SAMPLE 28 @ 4' BOTTOM SAMPLE 29 @ 4' BOTTOM SAMPLE 30 @ 4'		8/29/22 11:24AM 8/29/22 11:36AM 8/29/22 11:48AM 8/29/22 12:00PM 8/29/22 12:12PM 8/29/22 12:20PM 8/29/22 12:29PM 8/29/22 12:40PM 8/29/22 12:52PM 8/29/22 1:04PM	
Chloride BTEX TPH EXT		ANALYSIS REQUEST	

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Relinquished By: <i>Samuel Reese</i> Date: <i>8-31-22</i> Time: <i>8:00am</i>	Received By: <i>Samuel Reese</i> Date: <i>8-31-22</i> Time: <i>4:35</i>
Relinquished By: <i>Samuel Reese</i> Date: <i>8-31-22</i> Time: <i>4:35</i>	Received By: <i>Samuel Reese</i> Date: <i>8-31-22</i> Time: <i>4:35</i>

Delivered By: (Circle One) UPS - Bus - Other: _____
 Sampler - UPS - Bus - Other: _____
 Sample Condition: Cool Intact Yes No
 CHECKED BY: *Samuel Reese* (Initials)
 Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS: _____

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: MESA Project Name: MASE VERDE WTR TREATMENT FACILITY (10/3/21) Project Location: New Mexico Sampler Name: SIMON		State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy City: State: Zip:		BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip:		ANALYSIS REQUEST	
FOR LAB USE ONLY Lab I.D. HBX4013		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS		MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER:	
DATE: 8/29/22		TIME: 1:16PM		PRESERV: ICE / COOL		SAMPLING:	
PLEASE NOTE: Liability and Damages... (text continues)		DATE: 8/29/22		TIME: 1:16PM		ANALYSIS: Chloride, BT, EX, TP, NEXT	
Relinquished By: <i>Simon York</i>		Received By: <i>Shawn</i>		Sample Condition: <input checked="" type="checkbox"/> Intact		CHECKED BY: <i>Shawn</i>	
Date: 8/31/22		Time: 8:00 AM		Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact		CHECKED BY: (Initials)	
Delivered By: <i>Shawn</i>		Date: 8/31/22		Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		Date: 8/31/22		Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact		CHECKED BY: (Initials)	

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

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 Phone:(505) 334-6178 Fax:(505) 334-6170

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 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 151285

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 151285
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	1/5/2023