

Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	NVV2003550444
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature: *Wade Dittrich* Date: 8-12-22
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: Robert Hamlet Date: 10/21/2022

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

Closure Approved by: *Robert Hamlet* Date: 10/21/2022
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

Closure Report

Incident ID:nVV2003550444

Site Description

Site Name:	MESA VERDE 18 CTB
Company:	OXY
Legal Description:	U/L: P, SECTION 18, T24S, R32E
County:	LEA COUNTY, NM
GPS Coordinates:	32.21240, -103.70865

Release Data

Date of Release:	1/10/2020
Type of Release:	PRODUCED WATER
Source of Release:	VALVE FAILURE , HOLE IN WELD
Volume of Release:	18BBLS
Volume Recovered:	0BBLS

Remediation Specifications

Remediation Parameters:	OXY excavated the spill area as depicted on the following site diagram. The leak area near SP1 (PURPLE shade on diagram) was excavated to a depth of 2 feet. The leak area near SP2 and SP3 (BLUE shade on diagram) was excavated to a depth of 1 foot. The leak area near SP4 – SP6 (WHITE shade on diagram) required zero remediation.	
Remediation Activities:	3/11/22 - 7/21/22	
Plan Sent to OCD:	7/29/2020	
OCD Approval of Plan:	8/28/20, 9/8/20	
Plan Sent to BLM:	7/29/2020	
BLM Approval of Plan:		

Supporting Documentation

C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Remediation photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report	
NOTIFICATIONS	5/4/2022, 5/16/2022	

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.

10/18/2022

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

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Closure

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Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature: *Wade Dittrich* Date: 8-12-22
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

From: [Cliff Brunson](#)
To: ["Enviro, OCD, EMNRD"](#)
Cc: ["Wade Dittrich"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); ["Julia French"](#)
Subject: OXY - Mesa Verde 18 CTB - Sampling Notification
Date: Wednesday, May 4, 2022 4:24:00 PM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Mesa Verde 18 CTB (Incident ID # nVV2003550444) on Tuesday, May 10 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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From: [Cliff Brunson](#)
To: ["Enviro, OCD, EMNRD"](#)
Cc: ["Wade Dittrich"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); ["Julia French"](#)
Subject: OXY - Mesa Verde 18 CTB - Sampling Notification
Date: Monday, May 16, 2022 3:25:00 PM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Mesa Verde 18 CTB (Incident ID # nVV2003550444) on Wednesday, May 18 at 9:00 a.m.

Cliff P. Brunson, CEI, CRS
 President
 BBC International, Inc.
 World-Wide Environmental Specialists
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From: [Cliff Brunson](#)
To: ["Ken Swinney"](#); ["Jennifer Gilkey"](#); [Renee Jimenez](#)
Subject: FW: NVV2003550444 MESA VERDE 18 CTB @ P-18-24S-32E ON OE
Date: Friday, August 28, 2020 2:32:49 PM
Attachments: [\(C-141 Remediation Plan\) NVV2003550444 MESA VERDE 18 CTB @ P-18-24S-32E ON OE.pdf](#)

Cliff P. Brunson, CEI, CRS
 President
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 World-Wide Environmental Specialists
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From: Venegas, Victoria, EMNRD <Victoria.Venegas@state.nm.us>
Sent: Wednesday, August 26, 2020 8:47 AM
To: 'Wade Dittrich' <Wade_Dittrich@oxy.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us>
Cc: CFO_Spill, BLM_NM <BLM_NM_CFO_Spill@blm.gov>; Cliff Brunson <cbrunson@bbcinternational.com>
Subject: NVV2003550444 MESA VERDE 18 CTB @ P-18-24S-32E ON OE

NVV2003550444 MESA VERDE 18 CTB @ P-18-24S-32E ON OE

Mr. Dittrich,
 The OCD has approved the Remediation Plan for incident # NVV2003550444 MESA VERDE 18 CTB @ P-18-24S-32E ON OE. The signed C-141 can be found in the online image data base under the incident #.
 Thank you,

Victoria Venegas
 State of New Mexico

Energy, Minerals, and Natural Resources
Oil Conservation Division
811 S. First St., Artesia NM 88210
(575) 748-1283
Victoria.Venegas@state.nm.us

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OXY-MESA VERDE 18 CTB

LEAK DATE: 1/10/2020
LEA CO., NM
ID #: nV2003550444

Legend

-  1 FT EXCAVATION
-  2 FT EXCAVATION
-  BOTTOM CONFIRMATION SAMPLE POINT
-  LEAK AREA
-  LOCATION PAD
-  SAMPLE POINT
-  SIDEWALL CONFIRMATION SAMPLE POINT
-  ZERO REMEDIATION

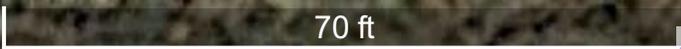
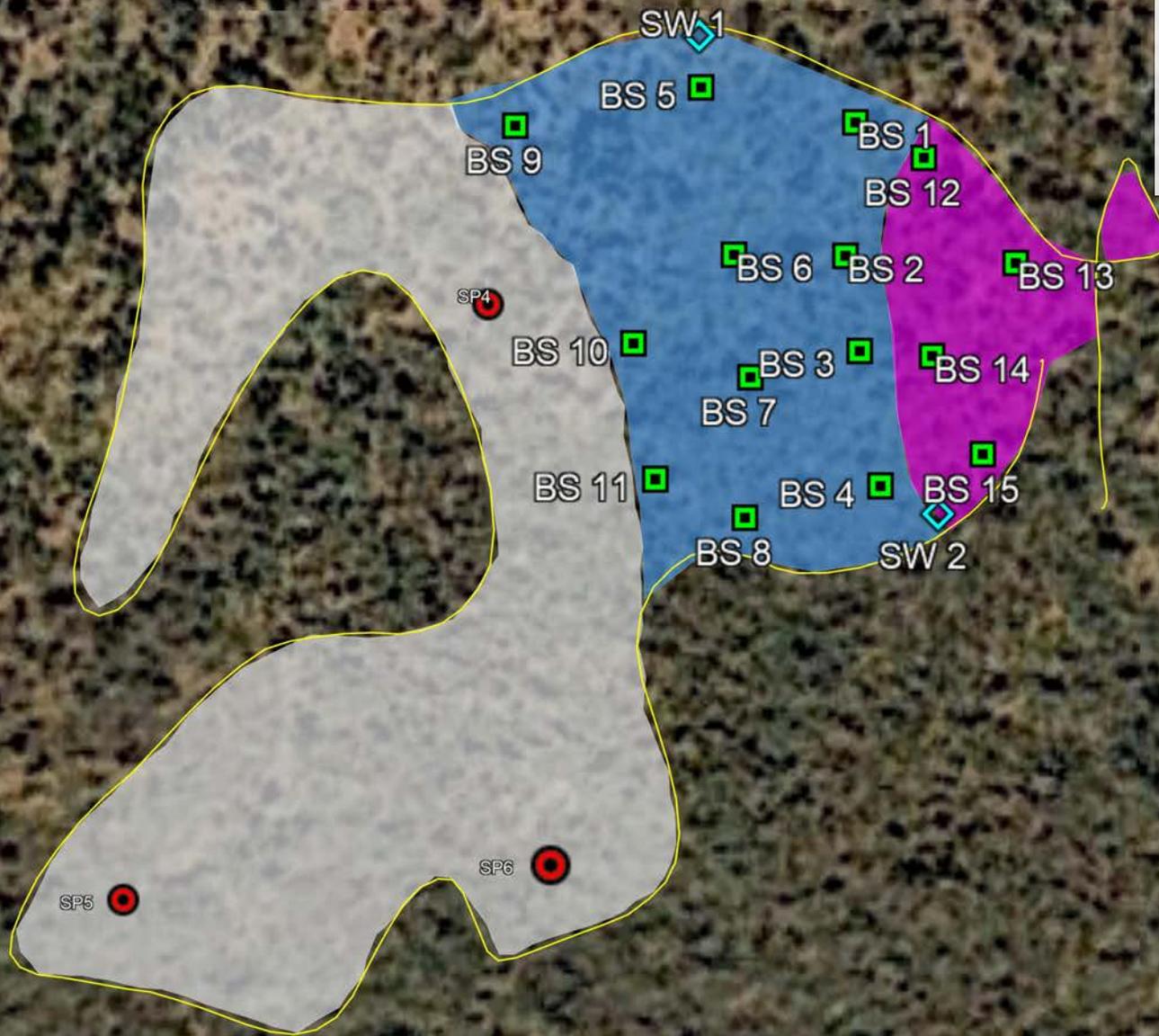


OXY-MESA VERDE 18 CTB

LEAK DATE: 1/10/2020
LEA CO., NM
ID #: nVW2003550444

Legend

-  1 FT EXCAVATION
-  2 FT EXCAVATION
-  BOTTOM CONFIRMATION SAMPLE POINT
-  LEAK AREA
-  LOCATION PAD
-  SAMPLE POINT
-  SIDEWALL CONFIRMATION SAMPLE POINT
-  ZERO REMEDIATION



OXY MESA VERDE 18 CTB (1-10-20)

SAMPLE DATE 5/10/22

BOTTOM SAMPLES

BS 1 @ 1'	N 32.21253	W-103.70857
BS 2 @1'	N 32.21250	W-103.70859
BS 3@ 1'	N 32.21249	W-103.70860
BS 4@1'	N 32.21243	W-103.70860
BS 5@1'	N 32.21248	W-103.70856
BS 6@1'	N 32.21245	W-103.70861
<u>BS 7@1'</u>	N 32.21245	W-103.70861
BS 8@1'	N 32.21244	W-103.70862
BS 9@1'	N 32.21248	W-103.70864
BS10@1'	N 32.21247	W-103.70864
BS 11@1'	N 32.21245	W-103.70864
BS 12@2'	N 32.21299	W-103.70863
BS 13@2'	N 32.21249	W-103.70862
BS 14@2'	N 32.21246	W-103.70860
BS 15@2'	N 32.21244	W-103.70856

SIDEWALL SAMPLES

SW 1	N 32.21253	W-103.70838
SW 2	N 32.21244	W-103.70859

	Sample ID	BS 1@ 1'	BS 2 @1'	BS 3 @ 1'	BS 4 @ 1'	BS 5 @1''	BS 6@ 1'	BS7@ 1'	BS 8@ 1'	BS 9 @1'	BS10@1'	BS 11@1'	BS 12@ 2'	BS 13@ 2'	BS 13@ 2'	BS 14@ 2'	BS 15 '2	SW1@1'	SW 2@ 1'
Analyte	Date	5/10/022	5/10/022	5/10/022	5/10/022	5/10/022	5/10/022	5/10/022	5/10/022	5/10/022	5/10/022	5/10/022	5/10/022	5/10/022	5/10/022	5/10/022	5/10/022	5/10/022	5/10/022
		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
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
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
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
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
Chloride		64.0	64.0	64.0	96.0	32.0	32.0	32.0	16.0	32.0	32.0	32.0	32.0	48.0	48.0	48.0	32.0	32.0	<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
DRO		21.4	<10.0	22.9	84.5	<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	28	<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	North @ Surface	East @ Surface	West @ Surface	South @ Surface
Analyte	Method	Date	3/18/20	3/18/20	3/18/20	3/18/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		96.0	112	256	272
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample ID	SP1 @ Surface	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
Analyte	Method	Date	3/18/20	3/18/20	3/18/20	3/18/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	n/a
Toluene	BTEX 8021B		0.132	<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		0.050	<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		0.407	<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		0.593	<0.300	<0.300	n/a
Chloride	SM4500Cl-B		864	800	224	
GRO	TPH 8015M		14.2	<10.0	<10.0	n/a
DRO	TPH 8015M		7180	25.0	12.1	n/a
EXT DRO	TPH 8015M		2040	<10.0	<10.0	n/a

		Sample ID	SP2 @ Surface	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	3/18/20	3/18/20	3/18/20
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a
Toluene	BTEX 8021B		0.129	<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		0.206	<0.150	n/a
Total BTEX	BTEX 8021B		0.335	<0.300	n/a
Chloride	SM4500Cl-B		1150	64.0	32.0
GRO	TPH 8015M		<10.0	<10.0	n/a
DRO	TPH 8015M		1020	<10.0	n/a
EXT DRO	TPH 8015M		401	<10.0	n/a

		Sample ID	SP3 @ Surface	SP3 @ 1'	SP3 @ 2'
Analyte	Method	Date	3/18/20	3/18/20	3/18/20
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a
Chloride	SM4500Cl-B		720	80.0	112
GRO	TPH 8015M		<10.0	<10.0	n/a
DRO	TPH 8015M		145	<10.0	n/a
EXT DRO	TPH 8015M		82.2	<10.0	n/a

		Sample ID	SP4 @ Surface	SP4 @ 1'	SP4 @ 2'
Analyte	Method	Date	3/18/20	3/18/20	3/18/20
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a
Chloride	SM4500Cl-B		256	16.0	16.0
GRO	TPH 8015M		<10.0	<10.0	n/a
DRO	TPH 8015M		<10.0	<10.0	n/a
EXT DRO	TPH 8015M		<10.0	<10.0	n/a

		Sample ID	SP5 @ Surface	SP5 @ 1'	SP5 @ 2'
Analyte	Method	Date	3/18/20	3/18/20	3/18/20
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a
Chloride	SM4500Cl-B		192	64.0	48.0
GRO	TPH 8015M		<10.0	<10.0	n/a
DRO	TPH 8015M		<10.0	<10.0	n/a
EXT DRO	TPH 8015M		<10.0	<10.0	n/a

		Sample ID	SP6 @ Surface	SP6 @ 1'	SP6 @ 2'
Analyte	Method	Date	3/18/20	3/18/20	3/18/20
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a
Chloride	SM4500Cl-B		272	48.0	32.0
GRO	TPH 8015M		<10.0	<10.0	n/a
DRO	TPH 8015M		<10.0	<10.0	n/a
EXT DRO	TPH 8015M		<10.0	<10.0	n/a



OXY – MESA VERDE 18 CTB (1-10-20)



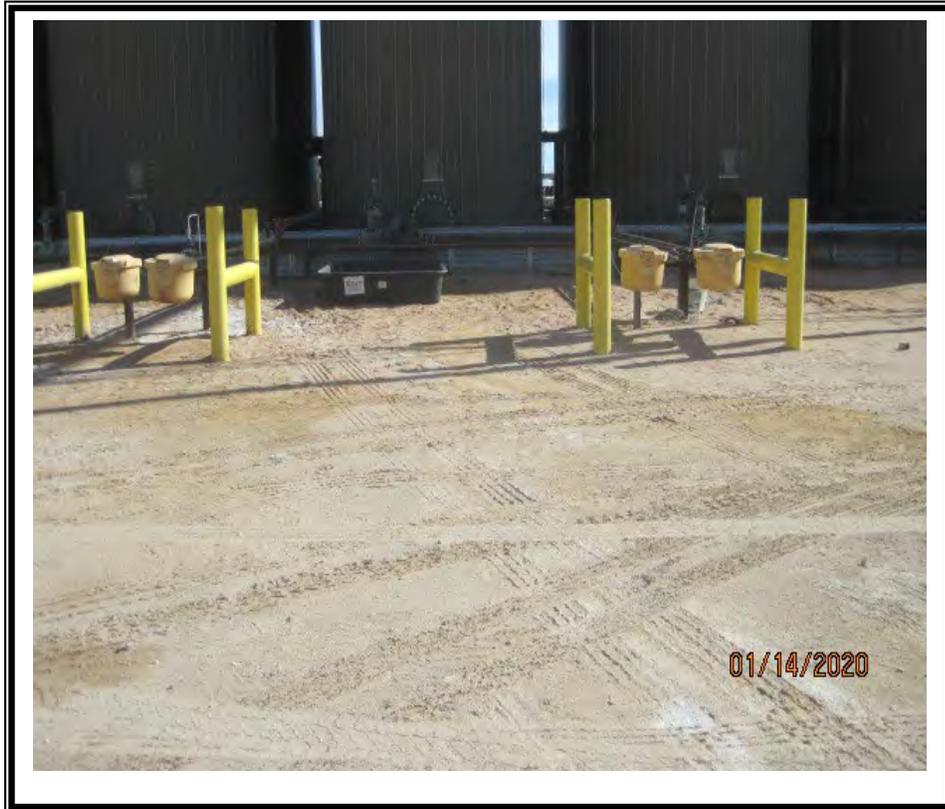


OXY – MESA VERDE 18 CTB (1-10-20)





OXY – MESA VERDE 18 CTB (1-10-20)





OXY – MESA VERDE 18 CTB (1-10-20)





OXY – MESA VERDE 18 CTB (1-10-20)





OXY – MESA VERDE 18 CTB (1-10-20)





OXY – MESA VERDE 18 CTB (1-10-20)



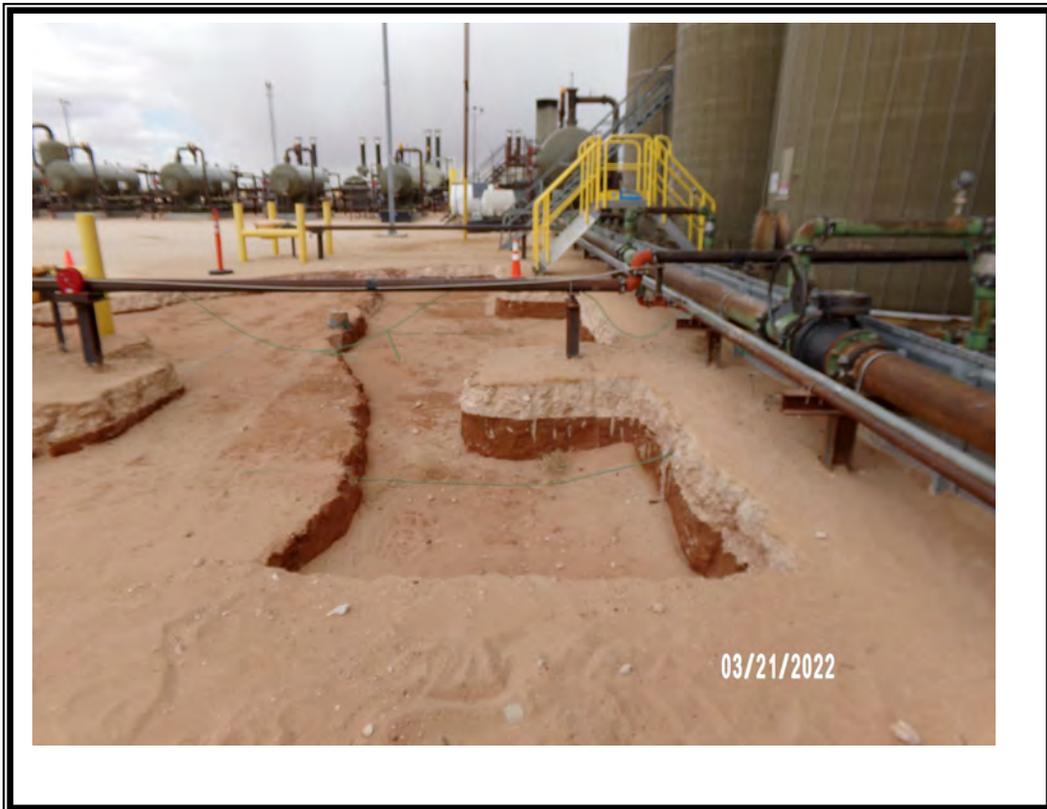


OXY – MESA VERDE 18 CTB (1-10-20)



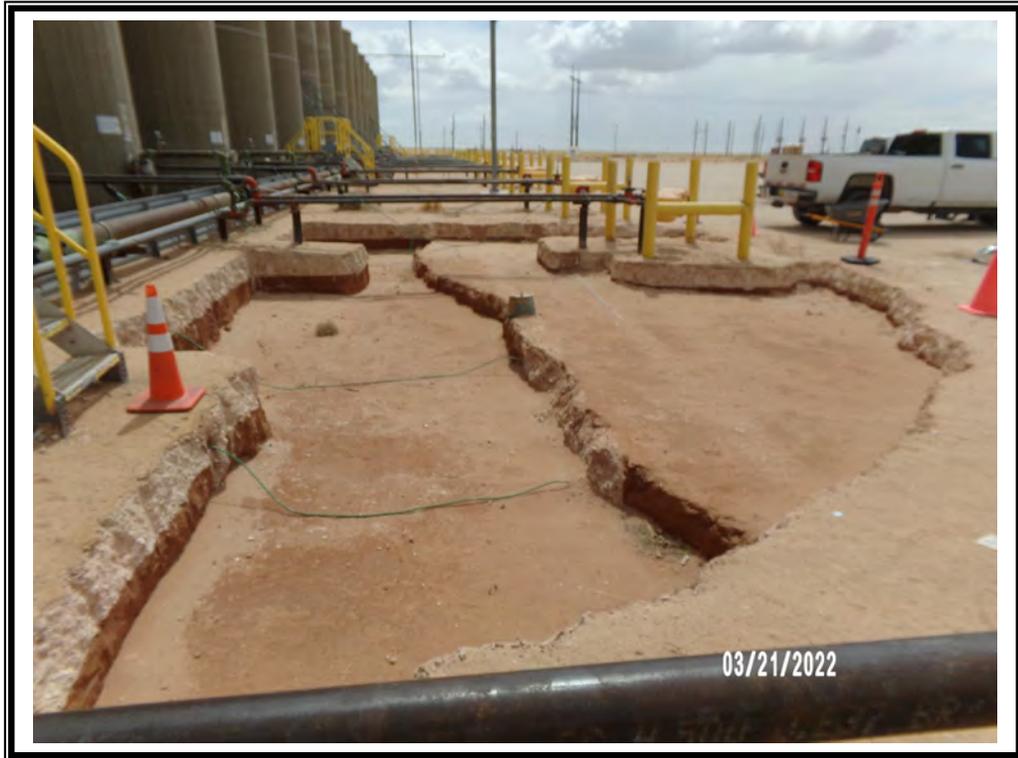


OXY – MESA VERDE 18 CTB (1-10-20)



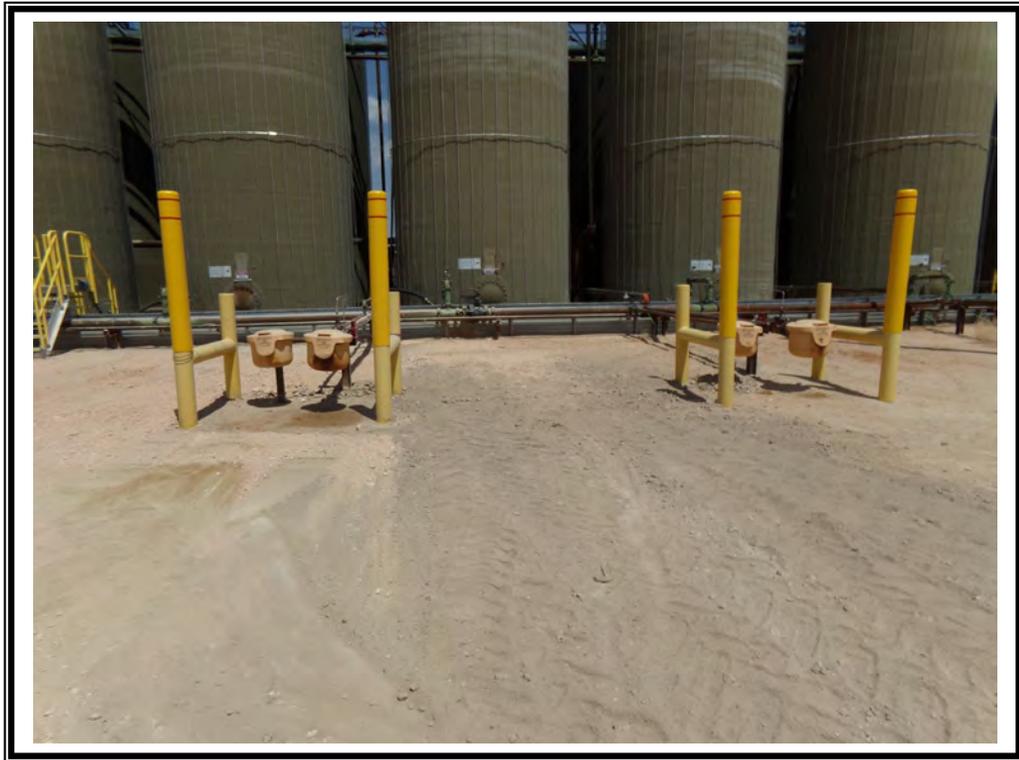


OXY – MESA VERDE 18 CTB (1-10-20)





OXY - MESA VERDE 18 CTB (1-10-20)





OXY – MESA VERDE 18 CTB (1-10-20)





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

May 13, 2022

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

RE: MESA VERDE 18 CTB

Enclosed are the results of analyses for samples received by the laboratory on 05/10/22 16:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

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:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/13/2022	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 1 @ 1' (H221987-01)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18	
Total BTEX	<0.300	0.300	05/12/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/12/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2022	ND	218	109	200	8.65	
DRO >C10-C28*	21.4	10.0	05/12/2022	ND	211	105	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/13/2022	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 2 @ 1' (H221987-02)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/12/2022	ND	2.11	105	2.00	1.84		
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24		
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30		
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18		
Total BTEX	<0.300	0.300	05/12/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/12/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/12/2022	ND	218	109	200	8.65		
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	211	105	200	10.8		
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND						

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/13/2022	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 3 @ 1' (H221987-03)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18	
Total BTEX	<0.300	0.300	05/12/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/12/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2022	ND	218	109	200	8.65	
DRO >C10-C28*	22.9	10.0	05/12/2022	ND	211	105	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/13/2022	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 4 @ 1' (H221987-04)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18	
Total BTEX	<0.300	0.300	05/12/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/12/2022	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	05/12/2022	ND	218	109	200	8.65	
DRO >C10-C28*	84.5	10.0	05/12/2022	ND	211	105	200	10.8	
EXT DRO >C28-C36	28.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/13/2022	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 5 @ 1' (H221987-05)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18	
Total BTEX	<0.300	0.300	05/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/12/2022	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	05/12/2022	ND	218	109	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	211	105	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/13/2022	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 6 @ 1' (H221987-06)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18	
Total BTEX	<0.300	0.300	05/12/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/12/2022	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	05/12/2022	ND	218	109	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	211	105	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/13/2022	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 7 @ 1' (H221987-07)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18	
Total BTEX	<0.300	0.300	05/12/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/12/2022	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	05/12/2022	ND	218	109	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	211	105	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/13/2022	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 8 @ 1' (H221987-08)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18	
Total BTEX	<0.300	0.300	05/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/12/2022	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	05/12/2022	ND	218	109	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	211	105	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/13/2022	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 9 @ 1' (H221987-09)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18	
Total BTEX	<0.300	0.300	05/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/12/2022	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	05/12/2022	ND	218	109	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	211	105	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 117 % 66.9-136

Surrogate: 1-Chlorooctadecane 126 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/13/2022	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 10 @ 1' (H221987-10)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18	
Total BTEX	<0.300	0.300	05/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/12/2022	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	05/12/2022	ND	218	109	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	211	105	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 99.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/13/2022	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 11 @ 1' (H221987-11)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.11	105	2.00	1.84	
Toluene*	<0.050	0.050	05/12/2022	ND	2.08	104	2.00	2.24	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.29	105	6.00	2.18	
Total BTEX	<0.300	0.300	05/12/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/12/2022	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	05/12/2022	ND	218	109	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	211	105	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

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Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/13/2022	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 12 @ 2' (H221987-12)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/12/2022	ND	2.19	109	2.00	13.0		
Toluene*	<0.050	0.050	05/12/2022	ND	2.15	108	2.00	12.9		
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.01	101	2.00	12.3		
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.27	105	6.00	12.1		
Total BTEX	<0.300	0.300	05/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/12/2022	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	05/12/2022	ND	218	109	200	8.65		
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	211	105	200	10.8		
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND						

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/13/2022	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 13 @ 2' (H221987-13)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.19	109	2.00	13.0	
Toluene*	<0.050	0.050	05/12/2022	ND	2.15	108	2.00	12.9	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.01	101	2.00	12.3	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.27	105	6.00	12.1	
Total BTEX	<0.300	0.300	05/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/12/2022	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	05/12/2022	ND	218	109	200	8.65	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	211	105	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 59.5-142

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Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/13/2022	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 14 @ 2' (H221987-14)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/12/2022	ND	2.19	109	2.00	13.0		
Toluene*	<0.050	0.050	05/12/2022	ND	2.15	108	2.00	12.9		
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.01	101	2.00	12.3		
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.27	105	6.00	12.1		
Total BTEX	<0.300	0.300	05/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/12/2022	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	05/12/2022	ND	182	91.0	200	0.554		
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	195	97.4	200	1.30		
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND						

Surrogate: 1-Chlorooctane 93.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/13/2022	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 15 @ 2' (H221987-15)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.19	109	2.00	13.0	
Toluene*	<0.050	0.050	05/12/2022	ND	2.15	108	2.00	12.9	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.01	101	2.00	12.3	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.27	105	6.00	12.1	
Total BTEX	<0.300	0.300	05/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/12/2022	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	05/12/2022	ND	182	91.0	200	0.554	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	195	97.4	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 94.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/13/2022	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SW 1 @ 1' (H221987-16)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/12/2022	ND	2.19	109	2.00	13.0		
Toluene*	<0.050	0.050	05/12/2022	ND	2.15	108	2.00	12.9		
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.01	101	2.00	12.3		
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.27	105	6.00	12.1		
Total BTEX	<0.300	0.300	05/12/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/12/2022	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	05/12/2022	ND	182	91.0	200	0.554		
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	195	97.4	200	1.30		
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND						

Surrogate: 1-Chlorooctane 94.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Analytical Results For:

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

Received:	05/10/2022	Sampling Date:	05/10/2022
Reported:	05/13/2022	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SW 2 @ 1' (H221987-17)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.19	109	2.00	13.0	
Toluene*	<0.050	0.050	05/12/2022	ND	2.15	108	2.00	12.9	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	2.01	101	2.00	12.3	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	6.27	105	6.00	12.1	
Total BTEX	<0.300	0.300	05/12/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/12/2022	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	05/12/2022	ND	182	91.0	200	0.554	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	195	97.4	200	1.30	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					

Surrogate: 1-Chlorooctane 97.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-04 The RPD for the BS/BSO was outside of historical limits.
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: BBC International, Inc. Project Manager: Cliff Brunson Address: P. O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: MESA VERDE 18 CTB Project Location: New Mexico Sampler Name: SINON RENDON		P. O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: _____		BILL TO	
FOR LAB USE ONLY Lab I.D. Sample I.D.		ANALYSIS REQUEST	
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV/ SAMPLING	
DATE TIME		BTEX TPH EXT Chloride	
11 BS 11 @ 1' 12 BS 12 @ 2' 13 BS 13 @ 2' 14 BS 14 @ 2' 15 BS 15 @ 2' 16 SW 1 @ 1' 17 SW 2 @ 1'		5-10-22 11:10AM ✓ 5-10/22 11:22AM ✓ 5-10-22 11:35 AM ✓ 5-10-22 11:48AM ✓ 5-10-22 12:07PM ✓ 5-10-22 12:21PM ✓ 5-10-22 12:37 PM ✓	

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Relinquished By: _____ Date: 5-10-22 Time: 10:37
 Received By: _____ Date: _____ Time: _____

Delivered By: (Circle One) -4.7°C -C-D.S.C
 Sampler - UPS - Bus - Other: -5.3°C #113
 Sample Condition: Cool Intact
 Checked By: _____ (Initials) _____

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

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



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

March 27, 2020

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MESA VERDE 18 CTB

Enclosed are the results of analyses for samples received by the laboratory on 03/23/20 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. 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 "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly legible.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: NORTH @ SURFACE (H000891-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2020	ND	2.05	102	2.00	5.13	
Toluene*	<0.050	0.050	03/24/2020	ND	2.06	103	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/24/2020	ND	2.07	103	2.00	4.66	
Total Xylenes*	<0.150	0.150	03/24/2020	ND	6.06	101	6.00	4.86	
Total BTEX	<0.300	0.300	03/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/24/2020	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2020	ND	195	97.7	200	0.0660	
DRO >C10-C28*	<10.0	10.0	03/24/2020	ND	197	98.4	200	0.265	
EXT DRO >C28-C36	<10.0	10.0	03/24/2020	ND					

Surrogate: 1-Chlorooctane 83.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.1 % 42.2-156

Cardinal Laboratories

* = Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: EAST @ SURFACE (H000891-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2020	ND	2.05	102	2.00	5.13	
Toluene*	<0.050	0.050	03/24/2020	ND	2.06	103	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/24/2020	ND	2.07	103	2.00	4.66	
Total Xylenes*	<0.150	0.150	03/24/2020	ND	6.06	101	6.00	4.86	
Total BTEX	<0.300	0.300	03/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/24/2020	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2020	ND	195	97.7	200	0.0660	
DRO >C10-C28*	<10.0	10.0	03/24/2020	ND	197	98.4	200	0.265	
EXT DRO >C28-C36	<10.0	10.0	03/24/2020	ND					

Surrogate: 1-Chlorooctane 85.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.6 % 42.2-156

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: WEST @ SURFACE (H000891-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2020	ND	2.05	102	2.00	5.13	
Toluene*	<0.050	0.050	03/24/2020	ND	2.06	103	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/24/2020	ND	2.07	103	2.00	4.66	
Total Xylenes*	<0.150	0.150	03/24/2020	ND	6.06	101	6.00	4.86	
Total BTEX	<0.300	0.300	03/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/24/2020	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2020	ND	195	97.7	200	0.0660	
DRO >C10-C28*	<10.0	10.0	03/24/2020	ND	197	98.4	200	0.265	
EXT DRO >C28-C36	<10.0	10.0	03/24/2020	ND					

Surrogate: 1-Chlorooctane 83.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.2 % 42.2-156

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SOUTH @ SURFACE (H000891-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2020	ND	2.05	102	2.00	5.13	
Toluene*	<0.050	0.050	03/24/2020	ND	2.06	103	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/24/2020	ND	2.07	103	2.00	4.66	
Total Xylenes*	<0.150	0.150	03/24/2020	ND	6.06	101	6.00	4.86	
Total BTEX	<0.300	0.300	03/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/24/2020	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2020	ND	195	97.7	200	0.0660	
DRO >C10-C28*	<10.0	10.0	03/24/2020	ND	197	98.4	200	0.265	
EXT DRO >C28-C36	<10.0	10.0	03/24/2020	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.8 % 42.2-156

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 1 @ SURFACE (H000891-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2020	ND	2.05	102	2.00	5.13	
Toluene*	0.132	0.050	03/24/2020	ND	2.06	103	2.00	4.95	
Ethylbenzene*	0.050	0.050	03/24/2020	ND	2.07	103	2.00	4.66	
Total Xylenes*	0.407	0.150	03/24/2020	ND	6.06	101	6.00	4.86	
Total BTEX	0.593	0.300	03/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	03/24/2020	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	14.2	10.0	03/24/2020	ND	195	97.7	200	0.0660		
DRO >C10-C28*	7180	10.0	03/24/2020	ND	197	98.4	200	0.265		
EXT DRO >C28-C36	2040	10.0	03/24/2020	ND						

Surrogate: 1-Chlorooctane 90.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 430 % 42.2-156

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 1 @ 1' (H000891-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2020	ND	2.05	102	2.00	5.13	
Toluene*	<0.050	0.050	03/24/2020	ND	2.06	103	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/24/2020	ND	2.07	103	2.00	4.66	
Total Xylenes*	<0.150	0.150	03/24/2020	ND	6.06	101	6.00	4.86	
Total BTEX	<0.300	0.300	03/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	03/24/2020	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2020	ND	195	97.7	200	0.0660	
DRO >C10-C28*	25.0	10.0	03/24/2020	ND	197	98.4	200	0.265	
EXT DRO >C28-C36	<10.0	10.0	03/24/2020	ND					

Surrogate: 1-Chlorooctane 86.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.2 % 42.2-156

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 1 @ 2' (H000891-07)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2020	ND	2.05	102	2.00	5.13	
Toluene*	<0.050	0.050	03/24/2020	ND	2.06	103	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/24/2020	ND	2.07	103	2.00	4.66	
Total Xylenes*	<0.150	0.150	03/24/2020	ND	6.06	101	6.00	4.86	
Total BTEX	<0.300	0.300	03/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/24/2020	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2020	ND	195	97.7	200	0.0660	
DRO >C10-C28*	12.1	10.0	03/24/2020	ND	197	98.4	200	0.265	
EXT DRO >C28-C36	<10.0	10.0	03/24/2020	ND					

Surrogate: 1-Chlorooctane 88.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.5 % 42.2-156

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 1 @ 3' (H000891-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/24/2020	ND	416	104	400	0.00	

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Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 2 @ SURFACE (H000891-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2020	ND	2.05	102	2.00	5.13	
Toluene*	0.129	0.050	03/24/2020	ND	2.06	103	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/24/2020	ND	2.07	103	2.00	4.66	
Total Xylenes*	0.206	0.150	03/24/2020	ND	6.06	101	6.00	4.86	
Total BTEX	0.335	0.300	03/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	03/24/2020	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2020	ND	195	97.7	200	0.0660	
DRO >C10-C28*	1020	10.0	03/24/2020	ND	197	98.4	200	0.265	
EXT DRO >C28-C36	401	10.0	03/24/2020	ND					

Surrogate: 1-Chlorooctane 90.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 118 % 42.2-156

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 2 @ 1' (H000891-10)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2020	ND	2.05	102	2.00	5.13	
Toluene*	<0.050	0.050	03/24/2020	ND	2.06	103	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/24/2020	ND	2.07	103	2.00	4.66	
Total Xylenes*	<0.150	0.150	03/24/2020	ND	6.06	101	6.00	4.86	
Total BTEX	<0.300	0.300	03/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/24/2020	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2020	ND	195	97.7	200	0.0660	
DRO >C10-C28*	<10.0	10.0	03/24/2020	ND	197	98.4	200	0.265	
EXT DRO >C28-C36	<10.0	10.0	03/24/2020	ND					

Surrogate: 1-Chlorooctane 91.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.3 % 42.2-156

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Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 2 @ 2' (H000891-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/24/2020	ND	416	104	400	0.00	

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Analytical Results For:

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Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 3 @ SURFACE (H000891-12)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2020	ND	2.05	102	2.00	5.13	
Toluene*	0.059	0.050	03/24/2020	ND	2.06	103	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/24/2020	ND	2.07	103	2.00	4.66	
Total Xylenes*	<0.150	0.150	03/24/2020	ND	6.06	101	6.00	4.86	
Total BTEX	<0.300	0.300	03/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	03/24/2020	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2020	ND	195	97.7	200	0.0660	
DRO >C10-C28*	145	10.0	03/24/2020	ND	197	98.4	200	0.265	
EXT DRO >C28-C36	82.2	10.0	03/24/2020	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.4 % 42.2-156

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Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 3 @ 1' (H000891-13)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2020	ND	2.05	102	2.00	5.13	
Toluene*	<0.050	0.050	03/24/2020	ND	2.06	103	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/24/2020	ND	2.07	103	2.00	4.66	
Total Xylenes*	<0.150	0.150	03/24/2020	ND	6.06	101	6.00	4.86	
Total BTEX	<0.300	0.300	03/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/24/2020	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2020	ND	195	97.7	200	0.0660	
DRO >C10-C28*	<10.0	10.0	03/24/2020	ND	197	98.4	200	0.265	
EXT DRO >C28-C36	<10.0	10.0	03/24/2020	ND					

Surrogate: 1-Chlorooctane 87.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.7 % 42.2-156

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Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 3 @ 2' (H000891-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/25/2020	ND	416	104	400	0.00	

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Analytical Results For:

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Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 4 @ SURFACE (H000891-15)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2020	ND	2.05	102	2.00	5.13	
Toluene*	<0.050	0.050	03/24/2020	ND	2.06	103	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/24/2020	ND	2.07	103	2.00	4.66	
Total Xylenes*	<0.150	0.150	03/24/2020	ND	6.06	101	6.00	4.86	
Total BTEX	<0.300	0.300	03/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/25/2020	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2020	ND	195	97.7	200	0.0660	
DRO >C10-C28*	<10.0	10.0	03/24/2020	ND	197	98.4	200	0.265	
EXT DRO >C28-C36	<10.0	10.0	03/24/2020	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.5 % 42.2-156

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Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 4 @ 1' (H000891-16)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2020	ND	2.05	102	2.00	5.13	
Toluene*	<0.050	0.050	03/24/2020	ND	2.06	103	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/24/2020	ND	2.07	103	2.00	4.66	
Total Xylenes*	<0.150	0.150	03/24/2020	ND	6.06	101	6.00	4.86	
Total BTEX	<0.300	0.300	03/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/25/2020	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2020	ND	195	97.7	200	0.0660	
DRO >C10-C28*	<10.0	10.0	03/24/2020	ND	197	98.4	200	0.265	
EXT DRO >C28-C36	<10.0	10.0	03/24/2020	ND					

Surrogate: 1-Chlorooctane 90.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.9 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 4 @ 2' (H000891-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/25/2020	ND	432	108	400	0.00	

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Fax To: (575) 397-0397

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 5 @ SURFACE (H000891-18)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2020	ND	2.05	102	2.00	5.13	
Toluene*	<0.050	0.050	03/24/2020	ND	2.06	103	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/24/2020	ND	2.07	103	2.00	4.66	
Total Xylenes*	<0.150	0.150	03/24/2020	ND	6.06	101	6.00	4.86	
Total BTEX	<0.300	0.300	03/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/25/2020	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2020	ND	195	97.7	200	0.0660	
DRO >C10-C28*	<10.0	10.0	03/24/2020	ND	197	98.4	200	0.265	
EXT DRO >C28-C36	<10.0	10.0	03/24/2020	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.8 % 42.2-156

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 5 @ 1' (H000891-19)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2020	ND	2.05	102	2.00	5.13	
Toluene*	<0.050	0.050	03/24/2020	ND	2.06	103	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/24/2020	ND	2.07	103	2.00	4.66	
Total Xylenes*	<0.150	0.150	03/24/2020	ND	6.06	101	6.00	4.86	
Total BTEX	<0.300	0.300	03/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/25/2020	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2020	ND	195	97.7	200	0.0660	
DRO >C10-C28*	<10.0	10.0	03/24/2020	ND	197	98.4	200	0.265	
EXT DRO >C28-C36	<10.0	10.0	03/24/2020	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.0 % 42.2-156

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 5 @ 2' (H000891-20)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/25/2020	ND	432	108	400	0.00	

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 6 @ SURFACE (H000891-21)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2020	ND	2.05	102	2.00	5.13	
Toluene*	<0.050	0.050	03/24/2020	ND	2.06	103	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/24/2020	ND	2.07	103	2.00	4.66	
Total Xylenes*	<0.150	0.150	03/24/2020	ND	6.06	101	6.00	4.86	
Total BTEX	<0.300	0.300	03/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/25/2020	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2020	ND	195	97.7	200	0.0660	
DRO >C10-C28*	<10.0	10.0	03/24/2020	ND	197	98.4	200	0.265	
EXT DRO >C28-C36	<10.0	10.0	03/24/2020	ND					

Surrogate: 1-Chlorooctane 84.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.7 % 42.2-156

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Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 6 @ 1' (H000891-22)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/24/2020	ND	2.05	102	2.00	5.13	
Toluene*	<0.050	0.050	03/24/2020	ND	2.06	103	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/24/2020	ND	2.07	103	2.00	4.66	
Total Xylenes*	<0.150	0.150	03/24/2020	ND	6.06	101	6.00	4.86	
Total BTEX	<0.300	0.300	03/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/25/2020	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/24/2020	ND	195	97.7	200	0.0660	
DRO >C10-C28*	<10.0	10.0	03/24/2020	ND	197	98.4	200	0.265	
EXT DRO >C28-C36	<10.0	10.0	03/24/2020	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.4 % 42.2-156

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/23/2020	Sampling Date:	03/18/2020
Reported:	03/27/2020	Sampling Type:	Soil
Project Name:	MESA VERDE 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(1-10-20)	Sample Received By:	Kelly Jacobson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 6 @ 2' (H000891-23)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/25/2020	ND	432	108	400	0.00	

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST 1 of 3

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: Mesa Verde 18 CTB (1-10-20) Project Location: Lea County, NM Sampler Name: Simon Rendon		BILL TO P.O. #: _____ Company: OXY Attn: Wade Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
State: NMI Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		ANALYSIS REQUEST	
FOR LAB USE ONLY			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS
		GROUNDWATER	WASTEWATER
		SOIL	OIL
		SLUDGE	OTHER :
		ACID/BASE:	ICE / COOL
		OTHER :	
		DATE	TIME
1	North @ Surface	3/18/20	8:47 AM
2	East @ Surface	3/18/20	9:05 AM
3	West @ Surface	3/18/20	9:22 AM
4	South @ Surface	3/18/20	9:37 AM
5	SP1 @ Surface	3/18/20	9:50 AM
6	SP1 @ 1'	3/18/20	10:05 AM
7	SP1 @ 2'	3/18/20	10:14 AM
8	SP1 @ 3'	3/18/20	10:23 AM
9	SP2 @ Surface	3/18/20	10:37 AM
10	SP2 @ 1'	3/18/20	10:49 AM
		CL	✓
		BTEX	✓
		TPH EXT	✓

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Relinquished By: _____ Date: 3/18/20 Time: 3:00 PM
 Received By: _____ Date: 3-23-20 Time: 8:00 AM
 Delivered By: (Circle One) Michael Hanna
 Sampler - UPS - Bus - Other: UPS
 Sample Condition: Cool Intact
 Yes No Yes No
 CHECKED BY: _____ (Initials) MS

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST 2 of 3

Company Name: BBC International, Inc.		BILL TO		P.O. #:		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Address: P.O. Box 805		Company: OXY			
City: Hobbs		State: NM Zip: 88241		Attn: Wade			
Phone #: 575-397-6388		Fax #: 575-397-0397		Address:			
Project #:		Project Owner: Oxy		City:			
Project Name: Mesa Verde 18 CTB (1-10-20)		State:		Zip:			
Project Location: Lea County, NM		Phone #:		Fax #:			
Sampler Name: Simon Rendon		FOR LAB USE ONLY		MATRIX		PRESERV	
Lab I.D.		Sample I.D.		GROUNDWATER		SAMPLING	
				WASTEWATER			
				SOIL			
				OIL			
				SLUDGE			
				OTHER :			
				ACID/BASE:			
				ICE / COOL			
				OTHER :			
				DATE		TIME	
				CL			
				BTEX			
				TPH EXT			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	DATE	TIME	CL	BTEX	TPH EXT
11	SP2 @ 2'			3/18/20	11:00 AM	✓	✓	✓
12	SP3 @ Surface			3/18/20	11:12 AM	✓	✓	✓
13	SP3 @ 1'			3/18/20	11:24 AM	✓	✓	✓
14	SP3 @ 2'			3/18/20	11:35 AM	✓	✓	✓
15	SP4 @ Surface			3/18/20	11:47 AM	✓	✓	✓
16	SP4 @ 1'			3/18/20	12:05 PM	✓	✓	✓
17	SP4 @ 2'			3/18/20	12:40 PM	✓	✓	✓
18	SP5 @ Surface			3/18/20	12:52 PM	✓	✓	✓
19	SP5 @ 1'			3/18/20	1:10 PM	✓	✓	✓
20	SP5 @ 2'			3/18/20	1:23 PM	✓	✓	✓

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Relinquished By: <i>Simon Rendon</i>	Date: 3/18/20	Time: 5:10 PM	Received By: <i>Cliff Brunson</i>	Date: 3/23/20	Time: 3:00 PM
Revised By: <i>Cliff Brunson</i>	Date: 3/18/20	Time: 5:10 PM	Received By: <i>Cliff Brunson</i>	Date: 3/23/20	Time: 3:00 PM
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>UPS</i>	Delivered By: <i>Cliff Brunson</i>	Delivered By: <i>Cliff Brunson</i>	Delivered By: <i>Cliff Brunson</i>	Delivered By: <i>Cliff Brunson</i>	Delivered By: <i>Cliff Brunson</i>
Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKED BY: <i>Cliff Brunson</i>	CHECKED BY: <i>Cliff Brunson</i>	CHECKED BY: <i>Cliff Brunson</i>	CHECKED BY: <i>Cliff Brunson</i>	CHECKED BY: <i>Cliff Brunson</i>
Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
REMARKS:		REMARKS:		REMARKS:	

Delivered By: *Cliff Brunson* 4/1/20 1650 #113

Sampler - UPS - Bus - Other: *UPS* #113



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST 3 of 3

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P. O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: Project Name: Mesa Verde 18 CTB (1-10-20) Project Location: Lea County, NM Sampler Name: Simon Rendon		State: NIM zip: 88241 Attn: Wade Address: City: State: Zip:		P.O. #: Company: OXY Attn: Wade Address: City: State: Zip:		BILL TO ANALYSIS REQUEST	
FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING	
Lab I.D. H000891	Sample I.D. 21 SP6 @ Surface 22 SP6 @ 1' 23 SP6 @ 2'	(G)RAB OR (C)OMP. # CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	DATE	TIME	CL BTEX TPH EXT
		↑	↑	↑	3/18/20	1:40 PM	✓
		↑	↑	↑	3/18/20	2:00 PM	✓
		↑	↑	↑	3/18/20	2:17 PM	✓

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Relinquished By: *Simon Rendon* Date: *3/18/20* Time: *5:00pm*
Received By: *Simon Rendon* Date: *3/18/20* Time: *5:00pm*
Delivered By: *Simon Rendon* Date: *3/18/20* Time: *5:00pm*
Sampler - UPS - Bus - Other: *#113*

Sample Condition
 Cool Intact
 Yes No

CHECKED BY: *165*
REMARKS:

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

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS
 Action 151621

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 151621
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NVV2003550444 MESA VERDE 18 CTB, thank you. This closure is approved.	10/21/2022