

Closure Report

1RP-5092

Site Description

Site Name:	Covington A 18 CTB
Company:	Oxy, Permian
Legal Description:	U/L C, Section 25, T22S, R32E
County:	Lea County, NM
GPS Coordinates:	N 32.36740 W -103.63062

Release Data

Date of Release:	6/5/2018
Type of Release:	Produced water
Source of Release:	3 inch poly line failure on south side of battery
Volume of Release:	30 bbls
Volume Recovered:	6 bbls

Remediation Specifications

Remediation Parameters:	Excavated the areas of SP1, SP2, SP3, SP5, SP6, SP7, SP8, SP9, & SP10 to a depth of 1 foot. Excavated the area of SP5 to a depth of 2 feet, and excavated SP4 to a depth of 3 feet. Bottom confirmation samples have been obtained for all depths. Backfilled entire site with clean soil.	
Remediation Activities:	1/29/20 through 3/10/20	
Plan Sent to OCD:	n/a	Remediation performed on a risk-based approach since expansion
OCD Approval of Plan:	n/a	of battery was scheduled and this release needed to be remediated
Plan Sent to BLM:	n/a	first. Time was essential.
BLM Approval of Plan:	n/a	

Supporting Documentation

Initial C-141	signed and included	
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 for 2/20/20 to 2/21/20	
Depth to Groundwater	USGS Info, Groundwater trend map	

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

6/25/2020

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	OXY USA INC	Contact	WADE DITTRICH
Address	PO BOX 4294; HOUSTON, TX 77210	Telephone No.	575-390-2828
Facility Name	COVINGTON A FEDERAL 1 CTB	Facility Type	CTB
Surface Owner	Federal	Mineral Owner	FED
		API No.	30-025-24947

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	25	22S	32E					LEA

Latitude_ 32.367538_ Longitude_ -103.630367_ NAD83

NATURE OF RELEASE

Type of Release	PRODUCED WATER	Volume of Release	30 bbls	Volume Recovered	6 bbls
Source of Release	3 inch poly line failure on south side of battery	Date and Hour of Occurrence	06-05-18	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	CRYSTAL WEAVER-NMOCD; MIKE BRATCHER-NMOCD; SHELLY TUCKER-BLM		
By Whom?	WADE DITTRICH	Date and Hour	06-05-18		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	N/A		
If a Watercourse was Impacted, Describe Fully.*					
Describe Cause of Problem and Remedial Action Taken.*					
3 inch poly line failure on south side of battery					
Describe Area Affected and Cleanup Action Taken.*					
The affected area of the spill is 75 FT x 500 FT, Leak is off location (measurements are subject to change with GPS tracking). Remediation will be completed in accordance with a remediation plan approved by the NMOCD and the BLM.					

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: <i>Wade Dittich</i>	OIL CONSERVATION DIVISION	
Printed Name: WADE DITTRICH	Approved by Environmental Specialist: <i>CH</i>	
Title: ENVIROMENTAL COORDINATOR	Approval Date: 6/14/2018	Expiration Date:
E-mail Address: wade_dittich@oxy.com	Conditions of Approval:	Attached <input checked="" type="checkbox"/>
Date: 6/12/18 Phone: 575-390-2828	See attached directive	

* Attach Additional Sheets If Necessary

1RP-5092

nCH1816553841

pCH1816555349

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	1RP-5092
Facility ID	
Application ID	


Closure

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 3-12-2020
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Oxy, Covington A 18 CTB

Leak Date: 6-5-18
Lea County, NM
API: 30-025-24947

Legend

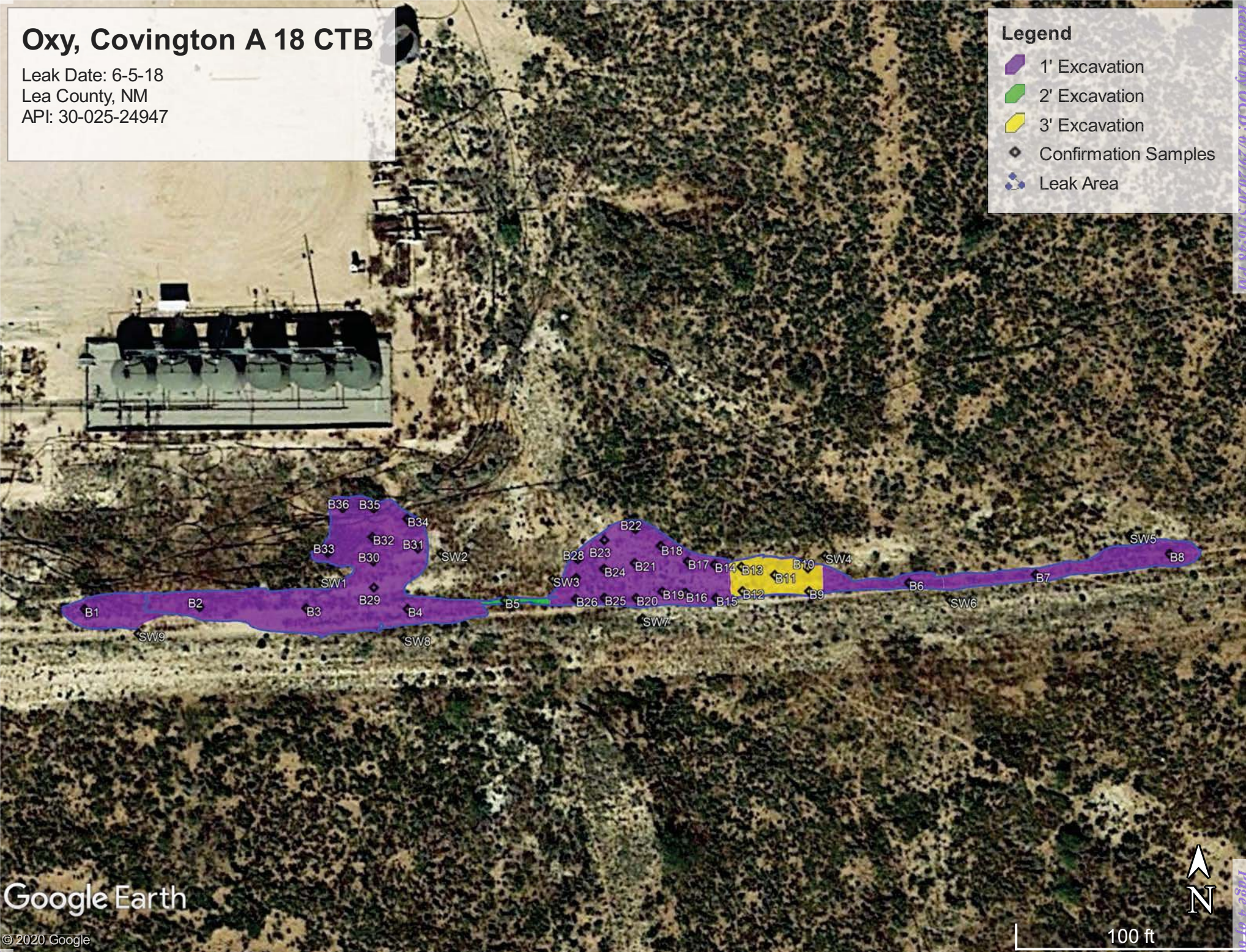
1' Excavation

2' Excavation

3' Excavation

Confirmation Samples

Leak Area



Oxy, Covington A 18 CTB (6-05-18)

Confirmation Sample Points:

B1 N 32.36741, W -103.63058
B2 N 32.36741, W -103.63042
B3 N 32.36741, W -103.63026
B4 N 32.36741, W -103.63012
B5 N 32.36742, W -103.62998
B6 N 32.36744, W -103.62941
B7 N 32.36745, W -103.62923
B8 N 32.36747, W -103.62904
B9 N 32.36743, W -103.62955
B10 N 32.36745, W -103.62956
B11 N 32.36745, W -103.62960
B12 N 32.36743, W -103.62965
B13 N 32.36746, W -103.62965
B14 N 32.36746, W -103.62969
B15 N 32.36742, W -103.62969
B16 N 32.36743, W -103.62973
B17 N 32.36746, W -103.62973
B18 N 32.36748, W -103.62976
B19 N 32.36743, W -103.62976
B20 N 32.36742, W -103.62980
B21 N 32.36746, W -103.62980

B22 N 32.36750, W -103.62980
B23 N 32.36749, W -103.62984
B24 N 32.36745, W -103.62984
B25 N 32.36742, W -103.62984
B26 N 32.36742, W -103.62988
B27 N 32.36744, W -103.62988
B28 N 32.36747, W -103.62988
B29 N 32.36743, W -103.63017
B30 N 32.36746, W -103.63017
B31 N 32.36748, W -103.63011
B32 N 32.36749, W -103.63017
B33 N 32.36748, W -103.63023
B34 N 32.36752, W -103.63012
B35 N 32.36753, W -103.63017
B36 N 32.36753, W -103.63021
SW1 N 32.36744, W -103.63024
SW2 N 32.36747, W -103.63007
SW3 N 32.36744, W -103.62992
SW4 N 32.36747, W -103.62953
SW5 N 32.36749, W -103.62910
SW6 N 32.36742, W -103.62936
SW7 N 32.36740, W -103.62979
SW8 N 32.36737, W -103.63013
SW9 N 32.36738, W -103.63050













Confirmation Laboratory Analytical Results Summary
Oxy, Covington A 18 CTB (6-5-18)

		Sample ID	Bottom 1	Bottom 2	Bottom 3	Bottom 4	Bottom 5	Bottom 6	Bottom 7	Bottom 8	Bottom 9	Bottom 10
Analyte	Method	Date	2/20/20	2/20/20	2/20/20	2/20/20	2/20/20	2/20/20	2/20/20	2/20/20	2/20/20	2/20/20
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		16.0	<16.0	32.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	Bottom 11	Bottom 12	Bottom 13	Bottom 14	Bottom 15	Bottom 16	Bottom 17	Bottom 18	Bottom 19	Bottom 20
Analyte	Method	Date	2/20/20	2/20/20	2/20/20	2/20/20	2/20/20	2/20/20	2/20/20	2/21/20	2/21/20	2/21/20
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	<16.0	<16.0	16.0	224	144	112	48.0	32.0	64.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	Bottom 21	Bottom 22	Bottom 23	Bottom 24	Bottom 25	Bottom 26	Bottom 27	Bottom 28	Bottom 29	Bottom 30
Analyte	Method	Date	2/21/20	2/21/20	2/21/20	2/21/20	2/21/20	2/21/20	2/21/20	2/21/20	2/21/20	2/21/20
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		32.0	32.0	80.0	48.0	16.0	<16.0	<16.0	<16.0	16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	Bottom 31	Bottom 32	Bottom 33	Bottom 34	Bottom 35	Bottom 36
Analyte	Method	Date	2/21/20	2/21/20	2/21/20	2/21/20	2/21/20	2/21/20
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<16.0	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

Confirmation Laboratory Analytical Results Summary
Oxy, Covington A 18 CTB (6-5-18)

		Sample ID	Sidewall 1	Sidewall 2	Sidewall 3	Sidewall 4	Sidewall 5	Sidewall 6	Sidewall 7	Sidewall 8	Sidewall 9
Analyte	Method	Date	2/21/20	2/21/20	2/21/20	2/21/20	2/21/20	2/21/20	2/21/20	2/21/20	2/21/20
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0



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

February 25, 2020

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: COVINGTON A - 18 CTB

Enclosed are the results of analyses for samples received by the laboratory on 02/24/20 12:00.

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 "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/24/2020	Sampling Date:	02/20/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 1 (H000570-01)

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	1.59	79.5	2.00	24.0		
Toluene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	24.4		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	23.9		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	4.60	76.6	6.00	24.3		
Total BTEX	<0.300	0.300	02/24/2020	ND						

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

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	02/24/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 90.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.8 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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:	02/24/2020	Sampling Date:	02/20/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 2 (H000570-02)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2020	ND	1.59	79.5	2.00	24.0	
Toluene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	24.4	
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	23.9	
Total Xylenes*	<0.150	0.150	02/24/2020	ND	4.60	76.6	6.00	24.3	
Total BTX	<0.300	0.300	02/24/2020	ND					

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

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	02/24/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 89.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.7 % 42.2-156

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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:	02/24/2020	Sampling Date:	02/20/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 3 (H000570-03)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	1.59	79.5	2.00	24.0		
Toluene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	24.4		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	23.9		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	4.60	76.6	6.00	24.3		
Total BTEX	<0.300	0.300	02/24/2020	ND						

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

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	02/24/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 91.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.0 % 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:	02/24/2020	Sampling Date:	02/20/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 4 (H000570-04)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	1.59	79.5	2.00	24.0		
Toluene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	24.4		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	23.9		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	4.60	76.6	6.00	24.3		
Total BTEx	<0.300	0.300	02/24/2020	ND						

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

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	02/24/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 95.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 99.8 % 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:	02/24/2020	Sampling Date:	02/20/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 5 (H000570-05)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	1.59	79.5	2.00	24.0		
Toluene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	24.4		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	23.9		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	4.60	76.6	6.00	24.3		
Total BTEx	<0.300	0.300	02/24/2020	ND						

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

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	02/24/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 91.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.0 % 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:	02/24/2020	Sampling Date:	02/20/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 6 (H000570-06)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	1.59	79.5	2.00	24.0		
Toluene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	24.4		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	23.9		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	4.60	76.6	6.00	24.3		
Total BTEx	<0.300	0.300	02/24/2020	ND						

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

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	02/24/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.6 % 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: 02/24/2020
 Reported: 02/25/2020
 Project Name: COVINGTON A - 18 CTB
 Project Number: (6-5-18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 02/20/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 7 (H000570-07)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	1.59	79.5	2.00	24.0		
Toluene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	24.4		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	23.9		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	4.60	76.6	6.00	24.3		
Total BTEx	<0.300	0.300	02/24/2020	ND						

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

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	02/24/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 92.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.7 % 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:	02/24/2020	Sampling Date:	02/20/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 8 (H000570-08)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	1.59	79.5	2.00	24.0		
Toluene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	24.4		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	23.9		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	4.60	76.6	6.00	24.3		
Total BTEx	<0.300	0.300	02/24/2020	ND						

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

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	02/24/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 93.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.5 % 42.2-156

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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:	02/24/2020	Sampling Date:	02/20/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 9 (H000570-09)

BTX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	1.59	79.5	2.00	24.0		
Toluene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	24.4		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	23.9		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	4.60	76.6	6.00	24.3		
Total BTX	<0.300	0.300	02/24/2020	ND						

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

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	02/24/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 93.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.6 % 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:	02/24/2020	Sampling Date:	02/20/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 10 (H000570-10)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	1.59	79.5	2.00	24.0		
Toluene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	24.4		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	23.9		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	4.60	76.6	6.00	24.3		
Total BTEx	<0.300	0.300	02/24/2020	ND						

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

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	02/24/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 91.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.4 % 42.2-156

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

Analytical Results For:

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

Received:	02/24/2020	Sampling Date:	02/20/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 11 (H000570-11)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	1.59	79.5	2.00	24.0		
Toluene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	24.4		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	23.9		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	4.60	76.6	6.00	24.3		
Total BTEx	<0.300	0.300	02/24/2020	ND						

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

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	02/24/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 90.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.0 % 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:	02/24/2020	Sampling Date:	02/20/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 12 (H000570-12)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	1.59	79.5	2.00	24.0		
Toluene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	24.4		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	23.9		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	4.60	76.6	6.00	24.3		
Total BTEx	<0.300	0.300	02/24/2020	ND						

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

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	02/24/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 94.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.0 % 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:	02/24/2020	Sampling Date:	02/20/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 13 (H000570-13)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	1.59	79.5	2.00	24.0		
Toluene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	24.4		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	23.9		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	4.60	76.6	6.00	24.3		
Total BTEx	<0.300	0.300	02/24/2020	ND						

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

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	02/24/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 91.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.2 % 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:	02/24/2020	Sampling Date:	02/20/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 14 (H000570-14)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	1.59	79.5	2.00	24.0		
Toluene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	24.4		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	23.9		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	4.60	76.6	6.00	24.3		
Total BTEx	<0.300	0.300	02/24/2020	ND						

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

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	02/24/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 92.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.6 % 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:	02/24/2020	Sampling Date:	02/20/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 15 (H000570-15)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	1.59	79.5	2.00	24.0		
Toluene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	24.4		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	23.9		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	4.60	76.6	6.00	24.3		
Total BTEx	<0.300	0.300	02/24/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	02/24/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 90.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.3 % 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:	02/24/2020	Sampling Date:	02/20/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 16 (H000570-16)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	1.59	79.5	2.00	24.0		
Toluene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	24.4		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	23.9		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	4.60	76.6	6.00	24.3		
Total BTEx	<0.300	0.300	02/24/2020	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 92.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 99.1 % 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:	02/24/2020	Sampling Date:	02/20/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 17 (H000570-17)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	1.59	79.5	2.00	24.0		
Toluene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	24.4		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	1.58	79.0	2.00	23.9		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	4.60	76.6	6.00	24.3		
Total BTEX	<0.300	0.300	02/24/2020	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/24/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 89.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.3 % 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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 18 (H000570-18)

BTX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6		
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2		
Total BTX	<0.300	0.300	02/25/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/24/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 92.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.5 % 42.2-156

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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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 19 (H000570-19)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6	
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2	
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9	
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2	
Total BTX	<0.300	0.300	02/25/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 73.3-129

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	02/24/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 96.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 20 (H000570-20)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6		
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2		
Total BTEx	<0.300	0.300	02/25/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/24/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 97.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 21 (H000570-21)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6	
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2	
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9	
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2	
Total BTX	<0.300	0.300	02/25/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 73.3-129

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	02/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 96.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 42.2-156

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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: 02/24/2020
 Reported: 02/25/2020
 Project Name: COVINGTON A - 18 CTB
 Project Number: (6-5-18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 02/21/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 22 (H000570-22)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6	
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2	
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9	
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2	
Total BTX	<0.300	0.300	02/25/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 73.3-129

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	02/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 93.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.3 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 23 (H000570-23)

BTX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6		
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2		
Total BTX	<0.300	0.300	02/25/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/24/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 96.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 42.2-156

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Analytical Results For:

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

Received:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 24 (H000570-24)

BTX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6		
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2		
Total BTX	<0.300	0.300	02/25/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/24/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 96.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 25 (H000570-25)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6	
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2	
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9	
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2	
Total BTX	<0.300	0.300	02/25/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 73.3-129

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	02/24/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 94.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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Analytical Results For:

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

Received:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 26 (H000570-26)

BTX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6		
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2		
Total BTX	<0.300	0.300	02/25/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 73.3-129

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	02/24/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 95.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.9 % 42.2-156

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Analytical Results For:

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

Received:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 27 (H000570-27)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6		
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2		
Total BTEx	<0.300	0.300	02/25/2020	ND						

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

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	02/24/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 86.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.6 % 42.2-156

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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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 28 (H000570-28)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6	
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2	
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9	
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2	
Total BTX	<0.300	0.300	02/25/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 73.3-129

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	02/24/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 94.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.1 % 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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 29 (H000570-29)

BTX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6		
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2		
Total BTX	<0.300	0.300	02/25/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 73.3-129

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	02/25/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 92.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.8 % 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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 30 (H000570-30)

BTX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6		
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2		
Total BTX	<0.300	0.300	02/25/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 73.3-129

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	02/25/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.6 % 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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 31 (H000570-31)

BTX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6		
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2		
Total BTX	<0.300	0.300	02/25/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 73.3-129

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	02/25/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 84.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.7 % 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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 32 (H000570-32)

BTX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6		
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2		
Total BTX	<0.300	0.300	02/25/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 73.3-129

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	02/25/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 83.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.1 % 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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 33 (H000570-33)

BTX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6		
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2		
Total BTX	<0.300	0.300	02/25/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 73.3-129

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	02/25/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 87.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.9 % 42.2-156

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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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 34 (H000570-34)

BTX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6		
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2		
Total BTX	<0.300	0.300	02/25/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 73.3-129

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	02/25/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 89.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.9 % 42.2-156

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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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 35 (H000570-35)

BTX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6		
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2		
Total BTX	<0.300	0.300	02/25/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 73.3-129

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	02/25/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 90.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.6 % 42.2-156

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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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 Fax To: (575) 397-0397

Received:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: BS 36 (H000570-36)

BTX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6		
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2		
Total BTX	<0.300	0.300	02/25/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 73.3-129

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	02/25/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 89.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.5 % 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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SW 1 (H000570-37)

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	1.95	97.5	2.00	17.6		
Toluene*	<0.050	0.050	02/25/2020	ND	1.97	98.5	2.00	18.2		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2		
Total BTEX	<0.300	0.300	02/25/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 73.3-129

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	02/25/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 89.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.5 % 42.2-156

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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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SW 2 (H000570-38)

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	2.02	101	2.00	6.41		
Toluene*	<0.050	0.050	02/24/2020	ND	2.03	101	2.00	5.74		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	2.02	101	2.00	5.42		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	5.93	98.8	6.00	5.42		
Total BTEX	<0.300	0.300	02/24/2020	ND						

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

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	02/25/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	196	98.0	200	0.290	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	187	93.7	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 89.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.0 % 42.2-156

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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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SW 3 (H000570-39)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2020	ND	2.02	101	2.00	6.41	
Toluene*	<0.050	0.050	02/24/2020	ND	2.03	101	2.00	5.74	
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	2.02	101	2.00	5.42	
Total Xylenes*	<0.150	0.150	02/24/2020	ND	5.93	98.8	6.00	5.42	
Total BTX	<0.300	0.300	02/24/2020	ND					

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

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	02/25/2020	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	196	98.0	200	0.290	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	187	93.7	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 95.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 99.6 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SW 4 (H000570-40)

BTX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	2.02	101	2.00	6.41		
Toluene*	<0.050	0.050	02/24/2020	ND	2.03	101	2.00	5.74		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	2.02	101	2.00	5.42		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	5.93	98.8	6.00	5.42		
Total BTX	<0.300	0.300	02/24/2020	ND						

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

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	02/25/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	196	98.0	200	0.290	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	187	93.7	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 92.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.4 % 42.2-156

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Analytical Results For:

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

Received:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SW 5 (H000570-41)

BTX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	2.02	101	2.00	6.41		
Toluene*	<0.050	0.050	02/24/2020	ND	2.03	101	2.00	5.74		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	2.02	101	2.00	5.42		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	5.93	98.8	6.00	5.42		
Total BTX	<0.300	0.300	02/24/2020	ND						

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

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	02/25/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	196	98.0	200	0.290	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	187	93.7	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.6 % 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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SW 6 (H000570-42)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/24/2020	ND	2.02	101	2.00	6.41		
Toluene*	<0.050	0.050	02/24/2020	ND	2.03	101	2.00	5.74		
Ethylbenzene*	<0.050	0.050	02/24/2020	ND	2.02	101	2.00	5.42		
Total Xylenes*	<0.150	0.150	02/24/2020	ND	5.93	98.8	6.00	5.42		
Total BTEx	<0.300	0.300	02/24/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

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	02/25/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	196	98.0	200	0.290	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	187	93.7	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 90.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.7 % 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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SW 7 (H000570-43)

BTX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	2.02	101	2.00	6.41		
Toluene*	<0.050	0.050	02/25/2020	ND	2.03	101	2.00	5.74		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	2.02	101	2.00	5.42		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.93	98.8	6.00	5.42		
Total BTX	<0.300	0.300	02/25/2020	ND						

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

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	02/25/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	196	98.0	200	0.290	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	187	93.7	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 90.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.7 % 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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SW 8 (H000570-44)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	2.02	101	2.00	6.41		
Toluene*	<0.050	0.050	02/25/2020	ND	2.03	101	2.00	5.74		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	2.02	101	2.00	5.42		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.93	98.8	6.00	5.42		
Total BTEX	<0.300	0.300	02/25/2020	ND						

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

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	02/25/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	196	98.0	200	0.290	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	187	93.7	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 91.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.0 % 42.2-156

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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:	02/24/2020	Sampling Date:	02/21/2020
Reported:	02/25/2020	Sampling Type:	Soil
Project Name:	COVINGTON A - 18 CTB	Sampling Condition:	Cool & Intact
Project Number:	(6-5-18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SW 9 (H000570-45)

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2020	ND	2.02	101	2.00	6.41		
Toluene*	<0.050	0.050	02/25/2020	ND	2.03	101	2.00	5.74		
Ethylbenzene*	<0.050	0.050	02/25/2020	ND	2.02	101	2.00	5.42		
Total Xylenes*	<0.150	0.150	02/25/2020	ND	5.93	98.8	6.00	5.42		
Total BTEX	<0.300	0.300	02/25/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

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	02/25/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2020	ND	196	98.0	200	0.290	
DRO >C10-C28*	<10.0	10.0	02/25/2020	ND	187	93.7	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	02/25/2020	ND					

Surrogate: 1-Chlorooctane 95.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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 cursive script, appearing to read "Celey D. Keene", written in black ink.

Celey D. Keene, Lab Director/Quality Manager



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1 of 5

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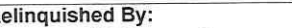


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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 5

[illegible]

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Relinquished By:		Date: 2/21/20	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
		Time: 5:00pm		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date: 2-24-20	Received By:	REMARKS:	
		Time: 12:00			
Delivered By: (Circle One)					
Sampler - UPS - Bus - Other:					
0.0°C #113		Sample Condition Cool Intact	CHECKED BY: (Initials)		
		<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	JO		

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[illegible]

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Relinquished By:		Date: 2/21/20	Time: 5:00pm	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:		Date: 2-24-20	Time: 12:00	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)		Sample Condition		CHECKED BY:	REMARKS:	
Sampler - UPS - Bus - Other:		Cool <input type="checkbox"/> Intact <input type="checkbox"/>		(Initials)		
		<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No				

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4 of 5

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST												
Project Manager: Cliff Brunson				P.O. #:																
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: Covington A 18 CTB (6-5-18)				State: Zip:																
Project Location: Lea County, NM				Phone #:																
Sampler Name: Simon Rendon				Fax #:																
FOR LAB USE ONLY				MATRIX				PRESERV.				SAMPLING								
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	CL	BTEX	TPH	EXT		
H000570																				
31	BS31												2/21/20	11:45 AM	✓	✓	✓			
32	BS 32												2/21/20	11:58 AM	✓	✓	✓			
33	BS33												2/21/20	12:42 PM	✓	✓	✓			
34	BS34												2/21/20	12:55 PM	✓	✓	✓			
35	BS35												2/21/20	1:10 PM	✓	✓	✓			
36	BS36												2/21/20	1:20 PM	✓	✓	✓			
37	SW1												2/21/20	1:30 PM	✓	✓	✓			
38	SW2												2/21/20	1:42 PM	✓	✓	✓			
39	SW3												2/21/20	1:55 PM	✓	✓	✓			
40	SW4												2/21/20	2:10 PM	✓	✓	✓			

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Relinquished By:		Date: 2/21/20	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
		Time: 5:00 pm		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date: 2-24-20	Received By:	REMARKS:	
		Time: 12:00			
Delivered By: (Circle One)					
Sampler - UPS - Bus - Other:		0.0c #113	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No		
			CHECKED BY: (Initials) J.O.		

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

545

Company Name: BBC International, Inc.				BILL TO												ANALYSIS REQUEST											
Project Manager: Cliff Brunson				P.O. #:																							
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: Covington A 18 CTB (6-5-18)				State: Zip:																							
Project Location: Lea County, NM				Phone #:																							
Sampler Name: Simon Rendon				Fax #:																							
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																	
Lab I.D.	Sample I.D.	GRAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	CL	BTEX	TPH	EXT									
4000570																											
41	SW5												2/21/20	2:18 PM	✓	✓	✓										
42	SW6												2/21/20	2:27 PM	✓	✓	✓										
43	SW7												2/21/20	2:35 PM	✓	✓	✓										
44	SW8												2/21/20	2:45 PM	✓	✓	✓										
45	SW9												2/21/20	2:57 PM	✓	✓	✓										

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Relinquished By:	Date: 2/21/20 Time: 5:00 PM	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date: 2-24-20 Time: 12:00	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)	REMARKS: Push!!
Sampler - UPS - Bus - Other:	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	40-	

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site_no list =

- 322314103383601

Minimum number of levels = 1
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USGS 322314103383601 22S.32E.14.32422

Lea County, New Mexico
Latitude 32°23'14", Longitude 103°38'36" NAD27
Land-surface elevation 3,740 feet above NAVD88
The depth of the well is 380 feet below land surface.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

Table of data

Tab-separated data

Graph of data

Reselect period

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurem
1972-09-13			D	370.40		2		U		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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