## **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	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

Form C-141 Revised April 3, 2017

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

			Rele	ease Notific	ation	and Co	rrective A	ction	1			
						<b>OPERA</b>	ΓOR		☑ Initia	l Report	☐ Fi	inal Report
Name of Co		OXY USA I					VADE DITTRIC					
Address F Facility Nan		294; HOUS' 'INGTON A				Telephone Nacility Typ		2828				
			LDEK				e CIB					
Surface Owi	ner	ederal		Mineral O	wner	FED			API No	. 30-025	5-24947	
						OF REI						
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/V	Vest Line		County	
	25	22S	32E								LEA	
			Latit	ude_ 32.367538	_ Long	itude10	03.630367 N	IAD83				
				NAT	URE (	OF RELI	EASE					
Type of Relea	se PRO	DUCED WAT	ER			Volume of PRODUCE	Release 30 bbl	s	Volume R	ecovered	6 bbls	
Source of Rel						Date and H	lour of Occurrenc	е	Date and	Hour of Dis	сочегу	
3 inch poly l Was Immedia			de of batt	ery		06-05-18 If YES, To	Whom?					- 8
was minicula	iio ivodico c		Yes [	No Not Re	quired		WEAVER-NMO	DCD; M	IKE BRAT	CHER-NM	IOCD; SH	ELLY
By Whom?		ITTRICH				Date and H	lour 06-05-18					
Was a Watero	ourse Reac	hed?	Yes 🗵	No		If YES, Vo   N/A	lume Impacting t	he Wate	ercourse.			
If a Watercou	rse was Im	pacted, Descri	be Fully.	*								
	•											
Describe Caus	se of Proble	em and Remed	fial Action	n Taken,*								
3 inch poly l	ine failure	on south sid	le of hatt	erv								
							No.					
Describe Area	Affected (	and Cleanup A	action Tak	en.*								-
The affected a	rea of the	spill is 75 FT	x 500 F1	Γ, Leak is off loc	ation (	measureme	nts are subject t	o chang	ge with GI	S tracking	g).	
Remediation	will be co	ompleted in a	accordan	ce with a remedi	ation p	lan approve	d by the NMOC	CD and	the BLM.			
I hereby certif	fy that the i	nformation gi	ven above v report ar	is true and compled/or file certain re	ete to th	e best of my	knowledge and u	nderstar	nd that purs	uant to NM	OCD rules	s and
public health	or the envir	ronment. The	acceptanc	e of a C-141 repor	rt by the	NMOCD ma	arked as "Final Re	eport" d	loes not reli	eve the ope	rator of lia	bility
should their of	perations h	ave failed to a	dequately	investigate and retance of a C-141 r	mediate	contaminati	on that pose a three	eat to gr	ound water	, surface wa	ater, huma	n health
federal, state,	or local lay	vs and/or regu	lations.	ance of a C+141 (	eport do		e the operator of i	responsi	ibility for co		wiin any ot	лег
	1.	10	187	1			OIL CON	SERV	ATION	DIVISIO	<u>NC</u>	
Signature:	Mac	de Di	de							\ I		
Printed Name	: WADE	DITTRICH	·			Approved by	Environmental S <sub>1</sub>	pecialist	::	<b>H</b>		
Title: ENV	IROMENT	'AL COORDI	NATOR		A	Approval Dat	e: 6/14/2018	3	Expiration 1	Date:		
E-mail Addres	ss: <u>wade</u>	_dittrich@oxy	z.conj			Conditions of Approval:						
Date: 6/12/			Phone:	575-390-2828			ached directi	ive		Attached	ı <u>V</u>	
Attach Addit		ts If Necess			1	RP-5092	nCH18	31655	53841			

pCH1816555349

Form C-141 Page 6

# State of New Mexico Oil Conservation Division

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

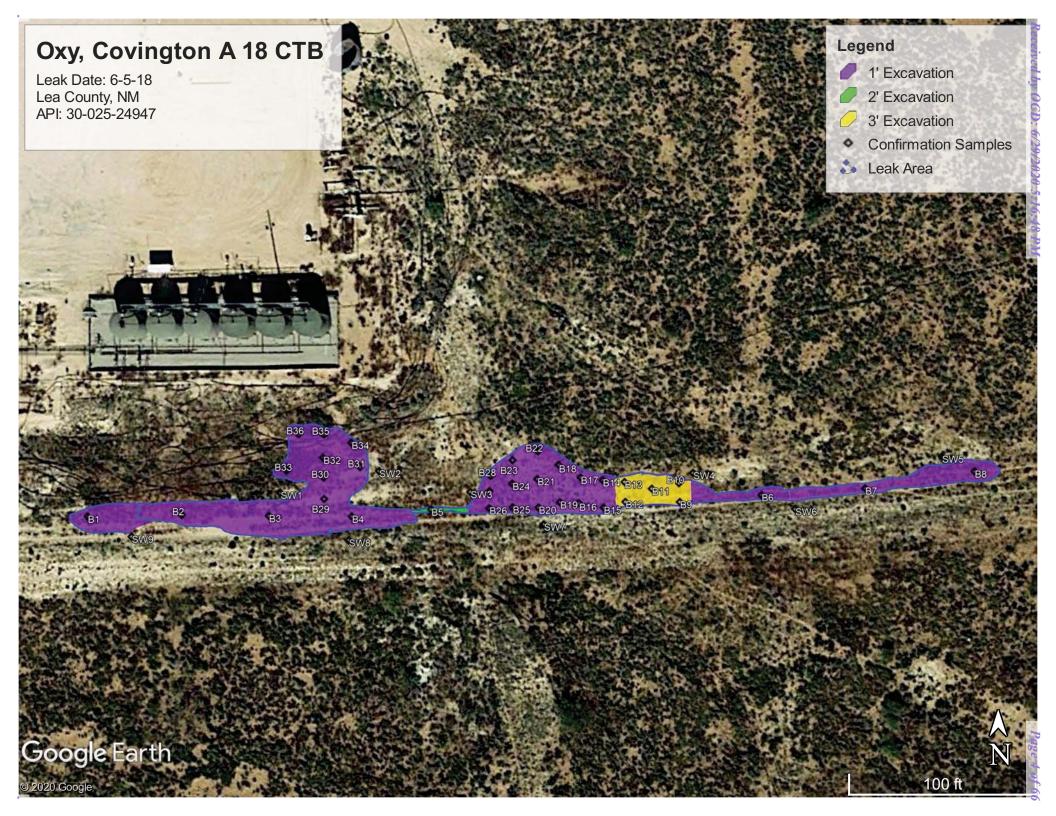
A scaled site and sampling diagram as described in 19.15.29.11 NMAC

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.

Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible party of remediate contamination that poses a threat to groundwater, surface very party of compliance with any other federal, state, or local laws and/o	of liability should their operations have failed to adequately investigate and vater, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:
Printed Name:	Title:



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

Con	firmation Sample Points:
B1	N 32.36741, W -103.63058
B2	N 32.36741, W -103.63042
ВЗ	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
В8	N 32.36747, W -103.62904
В9	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									
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	SM4500CI-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									
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	SM4500CI-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									
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	SM4500CI-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	SM4500CI-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

# Page 13 of

# 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								
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	SM4500CI-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



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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Celeg D. Keens

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,

Celey D. Keene

Lab Director/Quality Manager



#### 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:

Sample Received By:

02/20/2020

Reported:

02/25/2020

Sampling Type:

Project Name:

DTEV 0021D

COVINGTON A - 18 CTB

Sampling Condition:

Soil Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

ma/ka

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	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	94.8	% 42.2-15	6						

Applyand By CV

#### 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 whistoever 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.



#### 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: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 2 (H000570-02)

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	% 73.3-12	9						
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	Analyze	d 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	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	93.7	% 42.2-15	6						

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\*=Accredited Analyte

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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: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 3 (H000570-03)

BTEX 8021B	mg/	kg	Analyze	d 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 %	6 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	91.69	6 44.3-14	4						
Surrogate: 1-Chlorooctadecane	98.0 9	6 42.2-15	6						

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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: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 4 (H000570-04)

BTEX 8021B	mg/	kg	Analyze	d 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 %	6 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	99.8 9	% 42.2-15	6						

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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:

RTFY 8021R

02/24/2020

Sampling Date:

02/20/2020

Reported:

02/25/2020

ma/ka

Sampling Type:

Soil

Project Name:

COVINGTON A - 18 CTB

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 5 (H000570-05)

B1EX 8021B	тд/кд		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 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	96.0	% 42.2-15	6						

Analyzed By: CK

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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:

RTFY 8021R

02/24/2020

Sampling Date:

02/20/2020

Reported:

02/25/2020

ma/ka

Sampling Type:

Soil

Project Name:

COVINGTON A - 18 CTB

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 6 (H000570-06)

BIEX 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	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	90.6	% 42.2-15	6						

Analyzed By: CK

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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:

RTFY 8021R

02/24/2020

Sampling Date:

02/20/2020

Reported:

02/25/2020

ma/ka

Sampling Type:

Soil

Project Name:

COVINGTON A - 18 CTB

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 7 (H000570-07)

BIEX 8021B	тд/кд		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	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	94.7	% 42.2-15	6						

Analyzed By: CK

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\*=Accredited Analyte

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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: Reported: 02/24/2020

02/25/2020

COVINGTON A - 18 CTB

Project Name: 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 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 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	97.5	% 42.2-15	6						

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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:

02/20/2020 Soil

Project Name:

COVINGTON A - 18 CTB

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 9 (H000570-09)

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	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d 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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	98.6	% 42.2-15	6						

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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: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 10 (H000570-10)

BTEX 8021B	mg/	kg	Analyze	d 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 %	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	91.99	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	97.4	% 42.2-15	6						

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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: Reported: 02/24/2020

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: Sample Received By: Cool & Intact

Tamara Oldaker

#### Sample ID: BS 11 (H000570-11)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	95.0	% 42.2-15	6						

#### Cardinal Laboratories

\*=Accredited Analyte

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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:

RTFY 8021R

02/24/2020

Sampling Date:

02/20/2020

Reported:

02/25/2020

Sampling Type:

Soil

Project Name:

COVINGTON A - 18 CTB

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

ma/ka

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 12 (H000570-12)

B1EX 8021B	mg/	кд	Anaiyze	а ву: СК					
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 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	98.0	% 42.2-15	6						

Analyzed By: CK

#### Cardinal Laboratories

\*=Accredited Analyte

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Celegy Keene



#### 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: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 13 (H000570-13)

BTEX 8021B	mg/	kg	Analyze	d 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 %	6 73.3-12	9						
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	Analyze	d 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 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	93.2 9	6 42.2-15	6						

#### Cardinal Laboratories

\*=Accredited Analyte

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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:

BTEX 8021B

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)

(0310)

Sample Received By:

Tamara Oldaker

Project Location:

OXY - LEA COUNTY, NM

mg/kg

#### Sample ID: BS 14 (H000570-14)

	9/	9	7	7: - 0::					
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	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed 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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	95.6	% 42.2-15	6						

Analyzed By: CK

#### Cardinal Laboratories

\*=Accredited Analyte

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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:

BTEX 8021B

02/24/2020

Sampling Date:

02/20/2020

Reported:

02/25/2020

mg/kg

Sampling Type:

Soil

Project Name:

COVINGTON A - 18 CTB

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 15 (H000570-15)

	9/	9							
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 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	94.3	% 42.2-15	6						

Analyzed By: CK

#### **Cardinal Laboratories**

\*=Accredited Analyte

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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:

BTEX 8021B

02/24/2020

Sampling Date:

02/20/2020

Reported:

02/25/2020

Sampling Type:

02/20/2020 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

mg/kg

Sample ID: BS 16 (H000570-16)

	9/	9	7	7: - 0::					
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	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	99.1	% 42.2-15	6						

Analyzed By: CK

#### Cardinal Laboratories

\*=Accredited Analyte

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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:

RTFY 8021R

02/24/2020

Sampling Date:

02/20/2020

Reported:

02/25/2020

ma/ka

Sampling Type:

Soil

Project Name:

COVINGTON A - 18 CTB

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 17 (H000570-17)

Result <0.050 <0.050 <0.050 <0.150 <0.300	Reporting Limit  0.050  0.050  0.050  0.150  0.300	Analyzed 02/24/2020 02/24/2020 02/24/2020 02/24/2020	Method Blank  ND  ND  ND  ND  ND	BS 1.59 1.58 1.58	% Recovery 79.5 79.0 79.0	True Value QC 2.00 2.00 2.00	RPD 24.0 24.4 23.9	Qualifier
<0.050 <0.050 <0.150	0.050 0.050 0.150	02/24/2020	ND ND	1.58	79.0	2.00	24.4	
<0.050 <0.150	0.050 0.150	02/24/2020	ND					
<0.150	0.150			1.58	79.0	2.00	22.0	
		02/24/2020	ND				23.9	
<0.300	0.300		ND	4.60	76.6	6.00	24.3	
		02/24/2020	ND					
101	% 73.3-12	9						
mg	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
112	16.0	02/24/2020	ND	400	100	400	3.92	
mg,	/kg	Analyze	d By: CK					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	02/25/2020	ND	193	96.6	200	1.52	
<10.0	10.0	02/25/2020	ND	185	92.4	200	1.34	
<10.0	10.0	02/25/2020	ND					
89.5	% 44.3-14	4						
93.3	% 42.2-15	6						
	Result  112  mg,  Result  <10.0  <10.0  <89.5	## 73.3-12    mg/kg     Result   Reporting Limit     112   16.0     mg/kg      Result   Reporting Limit     <10.0   10.0     <10.0   10.0     <10.0   10.0     <10.0   44.3-14	IO1 %       73.3-129         mg/kg       73.3-129         Result       Reporting Limit       Analyzed         112       16.0       02/24/2020         mg/kg       Analyzed         Result       Reporting Limit       Analyzed         < 10.0       10.0       02/25/2020         < 10.0       10.0       02/25/2020         < 10.0       10.0       02/25/2020         < 10.0       10.0       02/25/2020         < 10.0       44.3-144	<0.300       02/24/2020       ND         101 % 73.3-129         Method Blank         Result Reporting Limit 16.0       02/24/2020       ND         Method Blank         Result Reporting Limit Analyzed Method Blank         <10.0	<0.300       02/24/2020       ND         101 % 73.3-129         mg/ky       Analyzed By: AC         Result Reporting Limit Analyzed By: CK         Result Reporting Limit Analyzed Method Blank BS         <10.0	< 0.300       02/24/2020       ND         101 % 73.3-129         mg/ky       Analyzed By: AC         Result Reporting Limit Analyzed By: CK         Result Reporting Limit Analyzed Method Blank BS % Recovery         <10.0	< 0.300       02/24/2020       ND         101 % 73.3-129         mg/kg       Analyzed By: AC         Result       Reporting Limit       Analyzed By: CK       True Value QC         Result       Reporting Limit       Analyzed By: CK       True Value QC         <10.0	< 0.300       02/24/2020       ND         101

Analyzed By: CK

#### Cardinal Laboratories

\*=Accredited Analyte

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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:

BTEX 8021B

02/24/2020

Sampling Date:

02/21/2020

Reported:

02/25/2020

Sampling Type:

Soil

Project Name:

COVINGTON A - 18 CTB

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

mg/kg

98.5 %

42.2-156

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 18 (H000570-18)

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	98.8 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	92.79	% 44.3-14	4						

Analyzed By: CK

#### Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

\*=Accredited Analyte

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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: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 19 (H000570-19)

BTEX 8021B	mg/	kg	Analyze	d 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	99.3 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	6 44.3-14	4						
Surrogate: 1-Chlorooctadecane	102 %	6 42.2-15	6						

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\*=Accredited Analyte

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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:

RTFY 8021R

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: Project Location:

(6-5-18)

OXY - LEA COUNTY, NM

ma/ka

Sample Received By:

Tamara Oldaker

#### Sample ID: BS 20 (H000570-20)

BIEX 8021B	mg/	кд	Anaiyze	а ву: СК					
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	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed 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	Analyze	ed 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	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	103 9	% 42.2-15	6						

Analyzed By: CK

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\*=Accredited Analyte

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Celegy Keene



#### 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: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 21 (H000570-21)

BTEX 8021B	mg/	kg	Analyze	d 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	97.4 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	100 %	6 42.2-15	6						

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\*=Accredited Analyte

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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: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 22 (H000570-22)

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	99.2 %	6 73.3-12	9						
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 %	6 44.3-14	4						
Surrogate: 1-Chlorooctadecane	97.3 %	6 42.2-15	6						

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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:

RTFY 8021R

02/24/2020

Sampling Date:

02/21/2020

Reported:

02/25/2020

Sampling Type:

Soil

Project Name:

COVINGTON A - 18 CTB

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

ma/ka

Sample ID: BS 23 (H000570-23)

BIEX 8021B	mg/	кд	Апанухе	а ву: СК					
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	99.1	% 73.3-12	9						
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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	100 9	% 42.2-15	6						

Analyzed By: CK

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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: Reported: 02/24/2020

02/25/2020

COVINGTON A - 18 CTB

Project Number:

Project Name:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

73 3-129

Sampling Date: 02/21/2020

Sampling Type:

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Soil

Sample ID: BS 24 (H000570-24)

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-Bromofluorobe	nzene (PID	97.8 %
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Chloride, SM4500Cl-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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Celeg D. Freene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received:

BTEX 8021B

02/24/2020

Sampling Date:

02/21/2020

Reported:

02/25/2020

Sampling Type:

Soil

Project Name:

COVINGTON A - 18 CTB

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

mg/kg

Sample ID: BS 25 (H000570-25)

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	98.7	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	101	% 42.2-15	6						

Analyzed By: CK

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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: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 26 (H000570-26)

BTEX 8021B	mg/	kg	Analyze	d 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	99.1	% 73.3-12	9						
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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	97.9	% 42.2-15	6						

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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: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 27 (H000570-27)

BTEX 8021B	mg/	kg	Analyze	d 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	73.3-12	9						
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	Analyze	d 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 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	88.69	% 42.2-15	6						

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\*=Accredited Analyte

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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: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 28 (H000570-28)

BTEX 8021B	mg/	kg	Analyze	d 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	98.3	% 73.3-12	9						
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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	97.1 9	% 42.2-15	6						

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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:

BTEX 8021B

02/24/2020

Sampling Date:

02/21/2020

Reported:

02/25/2020

Sampling Type:

Soil

Project Name:

COVINGTON A - 18 CTB

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

27.1 22.1 33.11.1, 1.

mg/kg

Sample ID: BS 29 (H000570-29)

	<u> </u>								
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	97.9	% 73.3-12	9						
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	92.9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	96.8	% 42.2-15	6						

Analyzed By: CK

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\*=Accredited Analyte

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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: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 30 (H000570-30)

BTEX 8021B	mg/	'kg	Analyze	d 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	98.7	% 73.3-12	9						
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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	90.6	% 42.2-15	6						

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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: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 31 (H000570-31)

BTEX 8021B	mg/	'kg	Analyze	d 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	98.4	% 73.3-12	9						
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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	88.7	% 42.2-15	6						

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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: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 32 (H000570-32)

BTEX 8021B	mg/	/kg	Analyze	ed 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	98.4	% 73.3-12	9						
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	Analyze	ed 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	84.1	% 42.2-15	6						

#### Cardinal Laboratories

\*=Accredited Analyte

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Celegy Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received:

RTFY 8021R

02/24/2020

Sampling Date:

02/21/2020

Reported:

02/25/2020

ma/ka

Sampling Type:

Soil

Project Name:

COVINGTON A - 18 CTB

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 33 (H000570-33)

BIEX 8021B	mg/	кд	Anaiyze	а ву: СК					
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	98.4	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	ed 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	Analyze	ed 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	91.9	% 42.2-15	6						

Analyzed By: CK

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Celegy Keene



#### 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: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

#### Sample ID: BS 34 (H000570-34)

BTEX 8021B	mg/	kg	Analyze	d 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	97.6	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	92.9	% 42.2-15	6						

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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:

RTFY 8021R

02/24/2020

Sampling Date:

02/21/2020

Reported:

02/25/2020

Sampling Type:

Soil

Project Name:

COVINGTON A - 18 CTB

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

ma/ka

Sample ID: BS 35 (H000570-35)

B1EX 8021B	mg/	кg	Апатуге	а ву: СК					
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	99.1	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	94.6	% 42.2-15	6						

Analyzed By: CK

#### Cardinal Laboratories

\*=Accredited Analyte

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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: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: BS 36 (H000570-36)

BTEX 8021B	mg/	kg	Analyze	d 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	98.5 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	94.5 9	% 42.2-15	6						

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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:

RTFY 8021R

02/24/2020

Sampling Date:

02/21/2020

Reported:

02/25/2020

Sampling Type:

02/21/2020 Soil

Project Name:

COVINGTON A - 18 CTB

ma/ka

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: SW 1 (H000570-37)

Result <0.050 <0.050 <0.050 <0.050	0.050 0.050	Analyzed 02/25/2020 02/25/2020	Method Blank	BS 1.95	% Recovery 97.5	True Value QC	RPD	Qualifier
<0.050 <0.050	0.050			1.95	97.5	2.00		
<0.050		02/25/2020			5.15	2.00	17.6	
	0.000		ND	1.97	98.5	2.00	18.2	
∠0.150	0.050	02/25/2020	ND	1.97	98.4	2.00	17.9	
<b>~0.130</b>	0.150	02/25/2020	ND	5.69	94.9	6.00	18.2	
<0.300	0.300	02/25/2020	ND					
97.3	% 73.3-12	9						
mg/	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	02/25/2020	ND	416	104	400	0.00	
mg/	/kg	Analyze	d By: CK					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	02/25/2020	ND	189	94.5	200	0.194	
<10.0	10.0	02/25/2020	ND	203	102	200	0.940	
<10.0	10.0	02/25/2020	ND					
89.2	% 44.3-14	4						
95.5	% 42.2-15	6						
	<0.150 <0.300  97.3  mg/  Result <16.0  mg/  Result <10.0 <10.0 <89.2	<0.150 0.150 <0.300 0.300  97.3 % 73.3-12  mg/ky  Result Reporting Limit <16.0 16.0  mg/ky  Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <44.3-14	<0.150	<0.150       02/25/2020       ND         97.3 % 73.3-129         Analyzed By: AC         Result Reporting Limit Analyzed Method Blank         <16.0	<0.150	<0.150       0.150       02/25/2020       ND       5.69       94.9         40.300       0.300       02/25/2020       ND       5.69       94.9         97.3 % 73.3-129         mg/ky       Analyzed By: AC         Result Reporting Limit Analyzed Dy: CK         Result Reporting Limit Analyzed Method Blank BS % Recovery         <10.0	<0.150       0.150       02/25/2020       ND       5.69       94.9       6.00         97.3 ⅓       73.3-129         mg/ky       Analyzed By: AC         Result Result   Reporting Limit   Analyzed   Method Blank   BS   % Recovery   True Value QC         < 16.0   16.0   02/25/2020   ND   416   104   400	<0.150

Analyzed By: CK

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Celegy Keene



#### 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: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

#### Sample ID: SW 2 (H000570-38)

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	94.0	% 42.2-15	6						

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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:

RTFY 8021R

02/24/2020

Sampling Date:

02/21/2020

Reported:

02/25/2020

ma/ka

Sampling Type:

Soil

Project Name:

COVINGTON A - 18 CTB

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: SW 3 (H000570-39)

Result <0.050 <0.050 <0.050 <0.150 <0.300	Reporting Limit  0.050  0.050  0.050  0.150  0.300	Analyzed 02/24/2020 02/24/2020 02/24/2020 02/24/2020	Method Blank  ND  ND  ND  ND  ND	BS 2.02 2.03 2.02	% Recovery 101 101 101	True Value QC 2.00 2.00 2.00	RPD 6.41 5.74	Qualifier
<0.050 <0.050 <0.150	0.050 0.050 0.150	02/24/2020	ND ND	2.03	101	2.00	5.74	
<0.050 <0.150	0.050 0.150	02/24/2020	ND					
<0.150	0.150			2.02	101	2.00		
		02/24/2020	ND			2.00	5.42	
<0.300	0.300		ND	5.93	98.8	6.00	5.42	
		02/24/2020	ND					
101	% 73.3-12	9						
mg	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
16.0	16.0	02/25/2020	ND	416	104	400	0.00	
mg	/kg	Analyze	Analyzed By: CK					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	02/25/2020	ND	196	98.0	200	0.290	
<10.0	10.0	02/25/2020	ND	187	93.7	200	1.10	
<10.0	10.0	02/25/2020	ND					
95.8	% 44.3-14	4						
99.6	% 42.2-15	6						
	Result  16.0  mg,  Result  <10.0  <10.0  <10.0	## 73.3-12    mg/kg     Result   Reporting Limit     16.0   16.0     mg/kg      Result   Reporting Limit     <10.0   10.0     <10.0   10.0     <10.0   10.0     <10.0   44.3-14	<0.300       0.300       02/24/2020         Result   Reporting Limit   Analyzed   Major Limit   Major Limi	<0.300       02/24/2020       ND         101 % 73.3-129         mg/ky       Analyzed By: AC         Result Reporting Limit Analyzed Blank         16.0 02/25/2020 ND         Result Reporting Limit Analyzed Method Blank         <10.0 10.0 02/25/2020 ND	<0.300       02/24/2020       ND         101 % 73.3-129         mg/ky       Analyzed By: AC         Result Reporting Limit Analyzed By: CK         Result Reporting Limit Analyzed Method Blank BS         <10.0	<0.300       02/24/2020       ND         101 % 73.3-129         mg/ky       Analyzed By: AC         Result Reporting Limit Analyzed By: CK         Result Reporting Limit Analyzed Method Blank BS % Recovery         <10.0	< 0.300       02/24/2020       ND         101 % 73.3-129         mg/kg       Analyzed By: AC         Result Reporting Limit Analyzed Method Blank BS % Recovery       True Value QC         Result Reporting Limit Analyzed Method Blank BS % Recovery       True Value QC         <10.0	< 0.300       02/24/2020       ND         101

Analyzed By: CK

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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: Project Location:

(6-5-18)

OXY - LEA COUNTY, NM

Sample Received By:

Tamara Oldaker

#### Sample ID: SW 4 (H000570-40)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	ed 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	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	96.4	% 42.2-15	6						

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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: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: SW 5 (H000570-41)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	92.6	% 42.2-15	6						

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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: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: SW 6 (H000570-42)

BTEX 8021B	mg,	/kg	Analyze	d 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	% 73.3-12	9						
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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	91.7	% 42.2-15	6						

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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:

RTFY 8021R

02/24/2020

Sampling Date:

02/21/2020

Reported:

02/25/2020

ma/ka

Sampling Type:

Soil

Project Name:

COVINGTON A - 18 CTB

Sampling Condition: Sample Received By: Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: SW 7 (H000570-43)

Result	Reporting Limit	Analyzed						
40.0E0		Analyzea	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	02/25/2020	ND	2.02	101	2.00	6.41	
<0.050	0.050	02/25/2020	ND	2.03	101	2.00	5.74	
<0.050	0.050	02/25/2020	ND	2.02	101	2.00	5.42	
<0.150	0.150	02/25/2020	ND	5.93	98.8	6.00	5.42	
<0.300	0.300	02/25/2020	ND					
101 9	% 73.3-12	9						
mg/	kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	02/25/2020	ND	416	104	400	0.00	
mg/	'kg	Analyze	d By: CK					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	02/25/2020	ND	196	98.0	200	0.290	
<10.0	10.0	02/25/2020	ND	187	93.7	200	1.10	
<10.0	10.0	02/25/2020	ND					
90.0	% 44.3-14	4						
92.7	% 42.2-15	6						
	<0.050 <0.150 <0.300  1019  mg/  Result <16.0  mg/  Result <10.0 <10.0 <90.09	<0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300  101 % 73.3-12  mg/kg  Result Reporting Limit <16.0 16.0  mg/kg  Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0  44.3-14	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Analyzed By: CK

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Celegy Keene



#### 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: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

#### Sample ID: SW 8 (H000570-44)

BTEX 8021B	mg	/kg	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	93.0	% 42.2-15	6						

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\*=Accredited Analyte

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Celegy Keene



#### 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: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

(6-5-18)

Project Location:

OXY - LEA COUNTY, NM

Sample ID: SW 9 (H000570-45)

BTEX 8021B	mg,	'kg	Analyze	d 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	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	97.3	% 42.2-15	6						

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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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### RDINAL LABORATORIES

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

Company Name	BBC International, Inc.							10	1	E	3/L	L TO					ANA	LYSI	S RE	QUE	ST			
Project Manager	: Cliff Brunson							P.C	D. #:															
Address: P.O.	Box 805							Co	mpa	any:	0	XY												
city: Hobbs	State: NM	Zip	: 8	8824	11			Att	in: \	WA	D	E												
Phone #: 575-3	397-6388 Fax #: 575-	39	7-0	397				Ad	dres	ss:														
Project #:	Project Owner	: 0	ху					Cit	y:															
Project Name: (	Covington A 18 CTB (6-5-18)							Sta	ate:			Zip:												
Project Location								Ph	one	#:											1			
Sampler Name:	Simon Rendon			4				Fa	x #:		_													
FOR LAB USE ONLY		٥.			M	ATRI	IX		PRI	ESEF	₹V.	SAMPLI	NG										×	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SHIDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	CL	втех	трн ехт								
1	BS1	4	1							1		2/20/20	10:35 AM	1	1	1								
2	BS 2	1	1		1					4		2/20/20	10:47 AM	· ·	1	✓	_	1						
3	BS3											2/20/20	11:00 AM	10.0	1	1								
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7	BS7											2/20/20	11:41 AM		1	1	-			-		_		
8	BS8				3					1		2/20/20	11:50 AM		<b>√</b>	1							-	
9	BS9											2/20/20	12:02 PM		1	1								5
10	BS10	7			1					4		2/20/20	12:40 PM	✓	✓	1								

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<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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Company Name	BBC International, Inc.							ų:ii		B	BIL	L TO					F	NAL	YSIS	REC	QUES	ST .		
	: Cliff Brunson							P.C	). #:	}														
Address: P.O.	Box 805							Co	mpa	ny:	0	XY								l				
city: Hobbs	State: NM	Zip	: 8	824	11			Att	n: <b>1</b>	NA	D	E								- 1				
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FOR LAB USE ONLY					MA	TRI	X		PRE	SER	٧٧.	SAMPLI	NG											
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12	BS 12	1	1		1					1		2/20/20	1:15 PM	✓	1	1								
13	BS13		I									2/20/20	1:36 PM	1	1	1								
14	BS14											2/20/20	1:47 PM	1	1	✓								
15	BS15											2/20/20	2:05 PM	✓	1	1								
16	BS16				1							2/20/20	2:20 PM	1	1	<b>√</b>								
17	BS17		П									2/20/20	2:37 PM	-	1	1								
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19	BS19	Ш	П							1		2/21/20	9:12 AM	<b>√</b>	1	1								
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100	: Cliff Brunson							P.0	. #:															
Address: P.O.	Box 805							Cor	npa	ny: (	YXO	Y							9					
City: Hobbs	State: NM	Zip	: 8	824	11			Attr	n: <b>V</b>	NAI	DE													
Phone #: 575-3	97-6388 Fax #: 575-	39	7-0	397	12			Add	ires	s:														
Project #:	Project Owner							City	<b>/</b> :															
Project Name:	Covington A 18 CTB (6-5-18)							Sta	te:		Zip	):												
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Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	NTAIN	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	J OINER.	DATE	TIME	5	втех	трн ехт								
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38	BS28									-	_	21/20	11:10 AM		1	<b>V</b>					_			
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Company Name	BBC International, Inc.									E	3/L	L TO					1	ANAL	YSIS	RE	QUES	ST .		
	: Cliff Brunson							P.	0. #.															
Address: P.O.	Box 805							Co	omp	any:	0	XY												
City: Hobbs	State: NM	Zip	: 8	824	1			At	tn:	WA	/D	E												
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Project Location	: Lea County, NM							PI	none	#:														
Sampler Name:	Simon Rendon							Fa	x #:													1		
FOR LAB USE ONLY		0.		-	M	ATR	IX	-	PR	ESEF	RV.	SAMPLI	NG											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SILIDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	c C	втех	трн ехт				Į.				
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33	BS33											2/21/20	12:42 PM	1	1	1								
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38	SW2											2/21/20	1:42 PM	1	1	1								
39	SW3					N						2/21/20	1:55 PM	1	1	1								
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affiliates or successors arising out of or related to the performar Relinquished By:	Date:	Received By:		Phone Result:	☐ Yes	□ No	Add'l Phone #:
	5/51/50			Fax Result:	☐ Yes	□ No	Add'I Fax #:
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<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



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

	BBC International, Inc.									BIL	LL TO					F	NAL	YSIS	REC	QUES	ST .		 
	: Cliff Brunson							P.O.	#:														
Address: P.O.	Box 805							Com	pan	y: <b>O</b>	XY												
City: Hobbs	State: NM	Zip	: 8	824	1			Attn	: W	AD	E												
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Project Name:	Covington A 18 CTB (6-5-18)							Stat	e:		Zip:												
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Sampler Name:	Section 1997							Fax	Charles														
FOR LAB USE ONLY		٥.			MA	TRIX	(	F	PRES	ERV.	SAMPLI	NG											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME	CL	втех	трн ехт								
41	SW5	6	1		1				1		2/21/20	2:18 PM	1	1	1								
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44	SW8										2/21/20	2:45 PM		1	<b>V</b>		-					-	
45	SW9	9	10		4		1				2/21/20	2:57 PM	<b>✓</b>	<b>✓</b>	-		-	-					
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USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

**USGS Water Resources** 

Data	Category:		Geographic Area:		
Gro	undwater	~	New Mexico	~	GO

#### Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News 🔊

Groundwater levels for New Mexico

Click to hide state-specific text

#### Search Results -- 1 sites found

Agency code = usgs site\_no list =

• 322314103383601

#### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### 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 measurema
1972-09-13		D	370.40			2		U		

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Ex	plan	atio	n

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	Α	Approved for publication Processing and review completed.

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms