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E-MAIL: cbrunson@bbcinternational.com

APPROVED

NMOCD Workplan

By Kristen Lynch at 7:23 am, Nov 15, 2016

OXY – COVINGTON A FEDERAL #9 CTB (8/31/16)

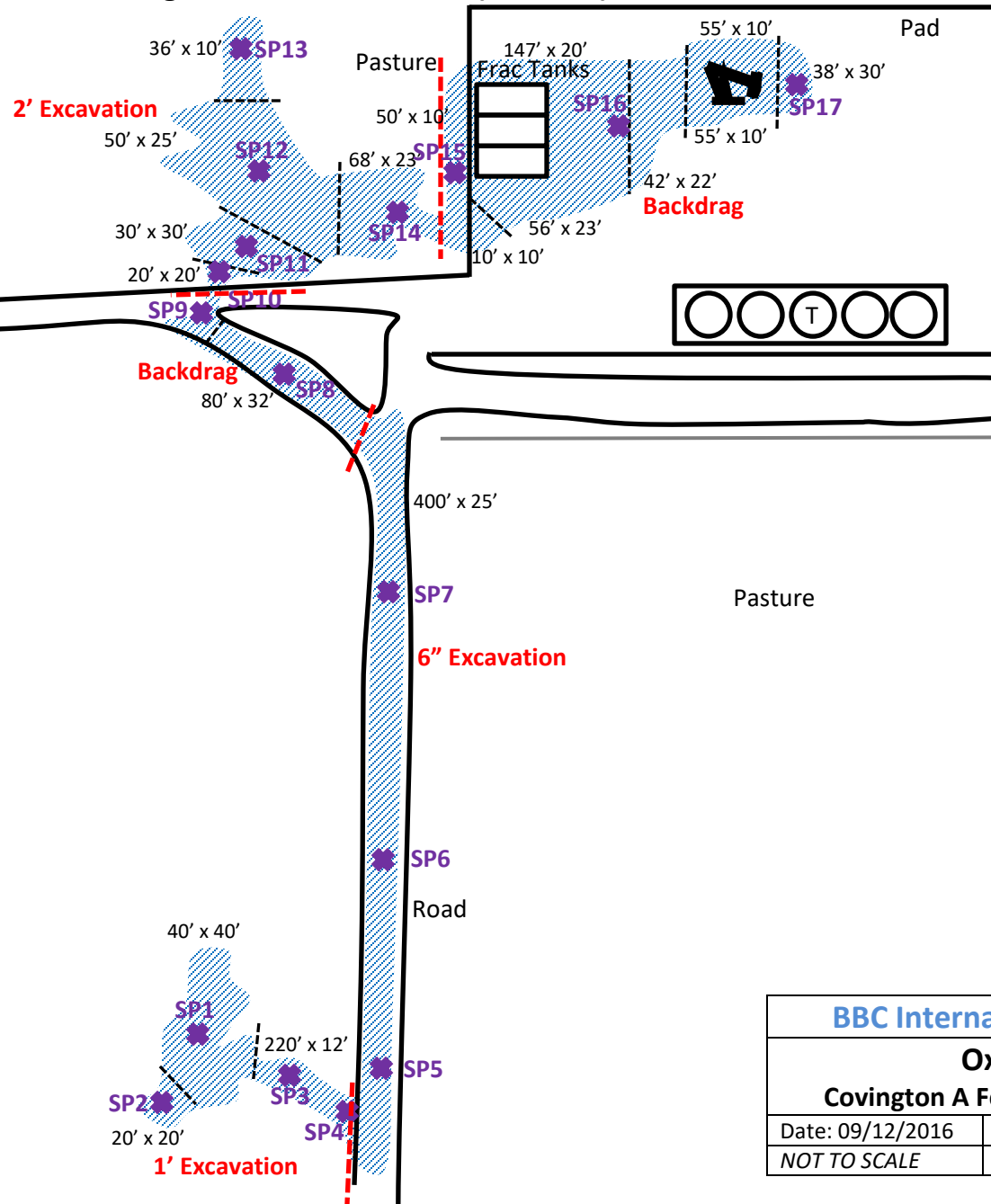
REMEDIATION PLAN

OXY will excavate the spill area as depicted on the following site diagram. The leak area near SP1, SP2, SP3, and SP4 will be excavated to a depth of 1 foot. The area near SP5, SP6, and SP7 will be excavated to a depth of 6 inches. The area near SP8 and SP9 will be back-dragged. The area near SP10, SP11, SP12, SP13, and SP14 will be excavated to a depth of 2 feet. The area near SP15, SP16, And SP17 will be back-dragged. The entire site will then be backfilled with clean soil.

All excavated materials will be disposed of at an NMOCD-approved disposal facility.



Oxy
Covington A Federal #9 CTB (8/31/16)



SW 1/4, Section 25, T22S, R32E

Lea County, NM

N 32.35675° W 103.63088°

API# 30-025-32036

BBC International, Inc.

Oxy
Covington A Federal #9 CTB

Date: 09/12/2016

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2016



Groundwater Plot

Oxy Covington A Federal #9 CTB

County
Lea

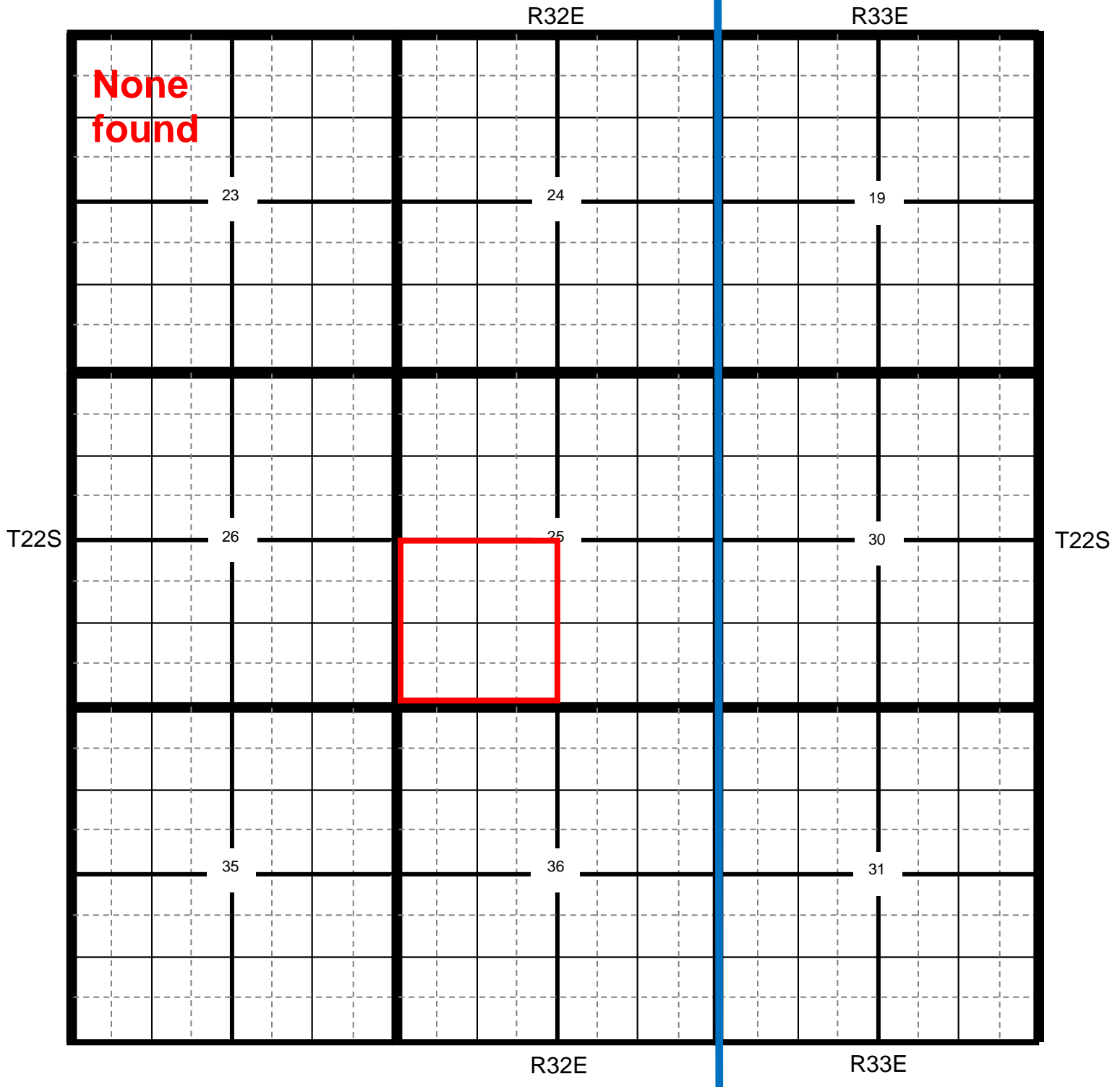
Unit Letter
SW ¼

Section
25

Township
22S

Range
32E

Trend Map 450'



★ Location

● OCD

● USGS

● SEO

● All Databases

Oxy Covington A Federal #9 CTB

County Lea **Unit Letter** SW ¼ **Section** 25 **Township** 22S **Range** 32E

Trend Map 450'

1

2

NW/NW None found	NE/NW	NW/NE	NE/NE
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NE/SW	NW/SE	NE/SE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SW/SW	SE/SW	SW/SE	SE/SE
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

3

4

**Laboratory Analytical Results Summary
Covington A Federal #9 CTB**

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
Analyte	Method	Date	9/29/16	9/29/16	9/29/16
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<1.00	<0.050	<0.050
Toluene	BTEX 8021B		2.42	<0.050	<0.050
Ethylbenzene	BTEX 8021B		5.32	<0.050	<0.050
Total Xylenes	BTEX 8021B		20.2	<0.150	<0.150
Total BTEX	BTEX 8021B		27.9	<0.300	<0.300
GRO	TPH 8015M		1500	<10.0	<10.0
DRO	TPH 8015M		10300	16.8	<10.0

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
Analyte	Method	Date	9/29/16	9/29/16	9/29/16
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.500	<0.050	<0.050
Toluene	BTEX 8021B		1.01	<0.050	<0.050
Ethylbenzene	BTEX 8021B		2.44	<0.050	<0.050
Total Xylenes	BTEX 8021B		5.42	<0.150	<0.150
Total BTEX	BTEX 8021B		8.88	<0.300	<0.300
GRO	TPH 8015M		565	<10.0	<10.0
DRO	TPH 8015M		9330	<10.0	<10.0

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'
Analyte	Method	Date	9/29/16	9/29/16	9/29/16
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.500	<0.050	<0.050
Toluene	BTEX 8021B		1.71	<0.050	<0.050
Ethylbenzene	BTEX 8021B		3.59	<0.050	<0.050
Total Xylenes	BTEX 8021B		9.44	<0.150	<0.150
Total BTEX	BTEX 8021B		14.7	<0.300	<0.300
GRO	TPH 8015M		827	<10.0	<10.0
DRO	TPH 8015M		7290	86	<10.0

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'
Analyte	Method	Date	9/29/16	9/29/16	9/29/16
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.500	<0.050	<0.050
Toluene	BTEX 8021B		0.971	<0.050	<0.050
Ethylbenzene	BTEX 8021B		2.14	<0.050	<0.050
Total Xylenes	BTEX 8021B		5.25	<0.150	<0.150
Total BTEX	BTEX 8021B		8.36	<0.300	<0.300
GRO	TPH 8015M		443	<10.0	<10.0
DRO	TPH 8015M		7270	73.3	<10.0

		Sample	SP5 @ 1'	SP5 @ 2'
Analyte	Method	Date	9/29/16	9/30/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		0.165	<0.050
Ethylbenzene	BTEX 8021B		0.543	<0.050
Total Xylenes	BTEX 8021B		2	<0.150
Total BTEX	BTEX 8021B		2.71	<0.300
GRO	TPH 8015M		89.8	<10.0
DRO	TPH 8015M		1420	<10.0

		Sample	SP6 @ 1'	SP6 @ 2'
Analyte	Method	Date	9/30/16	9/30/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		0.08	<0.050
Ethylbenzene	BTEX 8021B		0.242	<0.050
Total Xylenes	BTEX 8021B		0.704	<0.150
Total BTEX	BTEX 8021B		1.03	<0.300
GRO	TPH 8015M		62.3	<10.0
DRO	TPH 8015M		1270	<10.0

		Sample	SP7 @ 1'	SP7 @ 2'
Analyte	Method	Date	9/30/16	9/30/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		0.071	<0.050
Ethylbenzene	BTEX 8021B		0.176	<0.050
Total Xylenes	BTEX 8021B		0.551	<0.150
Total BTEX	BTEX 8021B		0.798	<0.300
GRO	TPH 8015M		<50.0	<10.0
DRO	TPH 8015M		842	<10.0

		Sample	SP8 @ 1'	SP8 @ 2'
Analyte	Method	Date	9/30/16	9/30/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0

		Sample	SP9 @ 1'
Analyte	Method	Date	9/30/16
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

		Sample	SP10 @ 1'	SP10 @ 2'	SP10 @ 3'	SP10 @ 4'	SP10 @ 5'	SP10 @ 6'
Analyte	Method	Date	9/30/16	9/30/16	9/30/16	9/30/16	9/30/16	9/30/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		1.22	<1.00	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		3.51	8.28	0.133	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		8.57	12.2	0.384	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		23.4	37.5	1.05	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		36.7	58	1.57	<0.300	<0.300	<0.300
GRO	TPH 8015M		1720	3350	70.6	<10.0	<10.0	<10.0
DRO	TPH 8015M		11700	13400	1550	62.5	25.9	<10.0

**Laboratory Analytical Results Summary
Covington A Federal #9 CTB**

		Sample	SP11 @ 1'	SP11 @ 2'	SP11 @ 3'	SP11 @ 4'	SP11 @ 5'	SP11 @ 6'
Analyte	Method	Date	9/30/16	9/30/16	9/30/16	9/30/16	9/30/16	9/30/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<2.00	<0.200	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		4.57	0.907	0.203	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		8.4	2.5	0.694	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		22.2	4.15	2.01	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		35.2	7.55	2.91	<0.300	<0.300	<0.300
GRO	TPH 8015M		<10.0	550	99.6	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	8650	1770	39.5	11.4	<10.0

		Sample	SP12 @ 1'	SP12 @ 2'	SP12 @ 3'	SP12 @ 4'
Analyte	Method	Date	9/30/16	9/30/16	9/30/16	9/30/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		2.13	1.32	<0.050	<0.050
Toluene	BTEX 8021B		6.89	4.85	<0.050	<0.050
Ethylbenzene	BTEX 8021B		11.4	9.25	0.09	0.057
Total Xylenes	BTEX 8021B		36.4	29.5	0.284	<0.150
Total BTEX	BTEX 8021B		56.8	44.9	0.375	<0.300
GRO	TPH 8015M		3030	1810	<50.0	<10.0
DRO	TPH 8015M		12300	9110	482	27.6

		Sample	SP13 @ 1'	SP13 @ 2'	SP13 @ 3'	SP13 @ 4'
Analyte	Method	Date	9/30/16	9/30/16	9/30/16	9/30/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<2.00	<1.00	<0.050	<0.050
Toluene	BTEX 8021B		7	5.49	0.115	<0.050
Ethylbenzene	BTEX 8021B		11.6	9.1	0.371	<0.050
Total Xylenes	BTEX 8021B		40.7	30.9	1.27	<0.150
Total BTEX	BTEX 8021B		59.3	45.5	1.76	<0.300
GRO	TPH 8015M		2330	1740	56.8	<10.0
DRO	TPH 8015M		11000	8220	762	29.9

		Sample	SP14 @ 1'	SP14 @ 2'	SP14 @ 3'	SP14 @ 4'
Analyte	Method	Date	9/30/16	9/30/16	9/30/16	9/30/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		1.3	<0.500	<0.050	<0.050
Toluene	BTEX 8021B		3.79	1.81	<0.050	0.059
Ethylbenzene	BTEX 8021B		7.15	4.28	0.117	0.157
Total Xylenes	BTEX 8021B		16.8	9.03	0.392	0.482
Total BTEX	BTEX 8021B		29	15.1	0.51	0.699
GRO	TPH 8015M		1670	970	27.3	17.1
DRO	TPH 8015M		10400	8290	178	204

		Sample	SP15 @ 1'	SP15 @ 2'
Analyte	Method	Date	10/3/16	10/3/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		15.1	<10.0

		Sample	SP16 @ 1'	SP16 @ 2'
Analyte	Method	Date	10/3/16	10/3/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0

		Sample	SP17 @ 1'	SP17 @ 2'
Analyte	Method	Date	10/3/16	10/3/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.055	<0.050
Total Xylenes	BTEX 8021B		0.216	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
GRO	TPH 8015M		<50.0	<10.0
DRO	TPH 8015M		575	<10.0



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

October 11, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: COVINGTON A FED #9 CTB

Enclosed are the results of analyses for samples received by the laboratory on 10/05/16 16:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

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:	10/05/2016	Sampling Date:	09/29/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 1 @ 1' (H602248-01)

BTEX 8021B		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	10/07/2016	ND	2.18	109	2.00	1.67	
Toluene*	2.42	1.00	10/07/2016	ND	2.23	112	2.00	2.26	
Ethylbenzene*	5.32	1.00	10/07/2016	ND	2.16	108	2.00	2.55	
Total Xylenes*	20.2	3.00	10/07/2016	ND	6.49	108	6.00	2.83	
Total BTEX	27.9	6.00	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1500	100	10/07/2016	ND	193	96.5	200	0.362	
DRO >C10-C28	10300	100	10/07/2016	ND	212	106	200	1.53	

Surrogate: 1-Chlorooctane 226 % 35-147

Surrogate: 1-Chlorooctadecane 519 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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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:	10/05/2016	Sampling Date:	09/29/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 1 @ 2' (H602248-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2016	ND	2.18	109	2.00	1.67		
Toluene*	<0.050	0.050	10/07/2016	ND	2.23	112	2.00	2.26		
Ethylbenzene*	<0.050	0.050	10/07/2016	ND	2.16	108	2.00	2.55		
Total Xylenes*	<0.150	0.150	10/07/2016	ND	6.49	108	6.00	2.83		
Total BTEX	<0.300	0.300	10/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/07/2016	ND	193	96.5	200	0.362		
DRO >C10-C28	16.8	10.0	10/07/2016	ND	212	106	200	1.53		

Surrogate: 1-Chlorooctane 85.2 % 35-147

Surrogate: 1-Chlorooctadecane 90.1 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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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:	10/05/2016	Sampling Date:	09/29/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 1 @ 3' (H602248-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2016	ND	2.18	109	2.00	1.67		
Toluene*	<0.050	0.050	10/07/2016	ND	2.23	112	2.00	2.26		
Ethylbenzene*	<0.050	0.050	10/07/2016	ND	2.16	108	2.00	2.55		
Total Xylenes*	<0.150	0.150	10/07/2016	ND	6.49	108	6.00	2.83		
Total BTEX	<0.300	0.300	10/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/07/2016	ND	193	96.5	200	0.362		
DRO >C10-C28	<10.0	10.0	10/07/2016	ND	212	106	200	1.53		

Surrogate: 1-Chlorooctane 74.8 % 35-147

Surrogate: 1-Chlorooctadecane 76.9 % 28-171

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	10/05/2016	Sampling Date:	09/29/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 2 @ 1' (H602248-04)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	10/07/2016	ND	2.18	109	2.00	1.67	
Toluene*	1.01	0.500	10/07/2016	ND	2.23	112	2.00	2.26	
Ethylbenzene*	2.44	0.500	10/07/2016	ND	2.16	108	2.00	2.55	
Total Xylenes*	5.42	1.50	10/07/2016	ND	6.49	108	6.00	2.83	
Total BTEX	8.88	3.00	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	565	100	10/07/2016	ND	193	96.5	200	0.362		
DRO >C10-C28	9330	100	10/07/2016	ND	212	106	200	1.53		

Surrogate: 1-Chlorooctane 159 % 35-147

Surrogate: 1-Chlorooctadecane 268 % 28-171

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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:	10/05/2016	Sampling Date:	09/29/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 2 @ 2' (H602248-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2016	ND	2.18	109	2.00	1.67		
Toluene*	<0.050	0.050	10/07/2016	ND	2.23	112	2.00	2.26		
Ethylbenzene*	<0.050	0.050	10/07/2016	ND	2.16	108	2.00	2.55		
Total Xylenes*	<0.150	0.150	10/07/2016	ND	6.49	108	6.00	2.83		
Total BTEX	<0.300	0.300	10/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/07/2016	ND	193	96.5	200	0.362		
DRO >C10-C28	<10.0	10.0	10/07/2016	ND	212	106	200	1.53		

Surrogate: 1-Chlorooctane 98.2 % 35-147

Surrogate: 1-Chlorooctadecane 98.4 % 28-171

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Cliff Brunson
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Fax To: (575) 397-0397

Received:	10/05/2016	Sampling Date:	09/29/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 2 @ 3' (H602248-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2016	ND	2.18	109	2.00	1.67		
Toluene*	<0.050	0.050	10/07/2016	ND	2.23	112	2.00	2.26		
Ethylbenzene*	<0.050	0.050	10/07/2016	ND	2.16	108	2.00	2.55		
Total Xylenes*	<0.150	0.150	10/07/2016	ND	6.49	108	6.00	2.83		
Total BTEX	<0.300	0.300	10/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/07/2016	ND	193	96.5	200	0.362		
DRO >C10-C28	<10.0	10.0	10/07/2016	ND	212	106	200	1.53		

Surrogate: 1-Chlorooctane 78.8 % 35-147

Surrogate: 1-Chlorooctadecane 79.2 % 28-171

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Fax To: (575) 397-0397

Received:	10/05/2016	Sampling Date:	09/29/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 3 @ 1' (H602248-07)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	10/07/2016	ND	2.18	109	2.00	1.67	
Toluene*	1.71	0.500	10/07/2016	ND	2.23	112	2.00	2.26	
Ethylbenzene*	3.59	0.500	10/07/2016	ND	2.16	108	2.00	2.55	
Total Xylenes*	9.44	1.50	10/07/2016	ND	6.49	108	6.00	2.83	
Total BTEX	14.7	3.00	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	827	100	10/07/2016	ND	193	96.5	200	0.362		
DRO >C10-C28	7290	100	10/07/2016	ND	212	106	200	1.53		

Surrogate: 1-Chlorooctane 164 % 35-147

Surrogate: 1-Chlorooctadecane 209 % 28-171

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Received:	10/05/2016	Sampling Date:	09/29/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 3 @ 2' (H602248-08)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2016	ND	2.17	108	2.00	1.88		
Toluene*	<0.050	0.050	10/07/2016	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	10/07/2016	ND	2.15	108	2.00	2.08		
Total Xylenes*	<0.150	0.150	10/07/2016	ND	6.47	108	6.00	1.97		
Total BTEX	<0.300	0.300	10/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/07/2016	ND	193	96.5	200	0.362		
DRO >C10-C28	86.0	10.0	10/07/2016	ND	212	106	200	1.53		

Surrogate: 1-Chlorooctane 90.8 % 35-147

Surrogate: 1-Chlorooctadecane 101 % 28-171

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Received:	10/05/2016	Sampling Date:	09/29/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 3 @ 3' (H602248-09)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2016	ND	2.17	108	2.00	1.88		
Toluene*	<0.050	0.050	10/07/2016	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	10/07/2016	ND	2.15	108	2.00	2.08		
Total Xylenes*	<0.150	0.150	10/07/2016	ND	6.47	108	6.00	1.97		
Total BTEX	<0.300	0.300	10/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/07/2016	ND	193	96.5	200	0.362		
DRO >C10-C28	<10.0	10.0	10/07/2016	ND	212	106	200	1.53		

Surrogate: 1-Chlorooctane 80.6 % 35-147

Surrogate: 1-Chlorooctadecane 83.9 % 28-171

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Received:	10/05/2016	Sampling Date:	09/29/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 4 @ 1' (H602248-10)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	10/07/2016	ND	2.17	108	2.00	1.88	
Toluene*	0.971	0.500	10/07/2016	ND	2.22	111	2.00	2.23	
Ethylbenzene*	2.14	0.500	10/07/2016	ND	2.15	108	2.00	2.08	
Total Xylenes*	5.25	1.50	10/07/2016	ND	6.47	108	6.00	1.97	
Total BTEX	8.36	3.00	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	443	100	10/07/2016	ND	193	96.5	200	0.362		
DRO >C10-C28	7270	100	10/07/2016	ND	212	106	200	1.53		

Surrogate: 1-Chlorooctane 140 % 35-147

Surrogate: 1-Chlorooctadecane 209 % 28-171

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Received:	10/05/2016	Sampling Date:	09/29/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 4 @ 2' (H602248-11)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2016	ND	2.17	108	2.00	1.88		
Toluene*	<0.050	0.050	10/07/2016	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	10/07/2016	ND	2.15	108	2.00	2.08		
Total Xylenes*	<0.150	0.150	10/07/2016	ND	6.47	108	6.00	1.97		
Total BTEX	<0.300	0.300	10/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/07/2016	ND	193	96.5	200	0.362	
DRO >C10-C28	73.3	10.0	10/07/2016	ND	212	106	200	1.53	

Surrogate: 1-Chlorooctane 98.4 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

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

Received:	10/05/2016	Sampling Date:	09/29/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 4 @ 3' (H602248-12)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2016	ND	2.17	108	2.00	1.88	
Toluene*	<0.050	0.050	10/07/2016	ND	2.22	111	2.00	2.23	
Ethylbenzene*	<0.050	0.050	10/07/2016	ND	2.15	108	2.00	2.08	
Total Xylenes*	<0.150	0.150	10/07/2016	ND	6.47	108	6.00	1.97	
Total BTEX	<0.300	0.300	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/07/2016	ND	193	96.5	200	0.362	
DRO >C10-C28	<10.0	10.0	10/07/2016	ND	212	106	200	1.53	

Surrogate: 1-Chlorooctane 86.9 % 35-147

Surrogate: 1-Chlorooctadecane 85.4 % 28-171

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Received:	10/05/2016	Sampling Date:	09/29/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 5 @ 1' (H602248-13)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2016	ND	2.17	108	2.00	1.88	
Toluene*	0.165	0.050	10/07/2016	ND	2.22	111	2.00	2.23	
Ethylbenzene*	0.543	0.050	10/07/2016	ND	2.15	108	2.00	2.08	
Total Xylenes*	2.00	0.150	10/07/2016	ND	6.47	108	6.00	1.97	
Total BTEX	2.71	0.300	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 138 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	89.8	50.0	10/07/2016	ND	193	96.5	200	0.362	
DRO >C10-C28	1420	50.0	10/07/2016	ND	212	106	200	1.53	

Surrogate: 1-Chlorooctane 99.9 % 35-147

Surrogate: 1-Chlorooctadecane 119 % 28-171

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Fax To: (575) 397-0397

Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 5 @ 2' (H602248-14)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2016	ND	2.17	108	2.00	1.88		
Toluene*	<0.050	0.050	10/07/2016	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	10/07/2016	ND	2.15	108	2.00	2.08		
Total Xylenes*	<0.150	0.150	10/07/2016	ND	6.47	108	6.00	1.97		
Total BTEX	<0.300	0.300	10/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/07/2016	ND	193	96.5	200	0.362		
DRO >C10-C28	<10.0	10.0	10/07/2016	ND	212	106	200	1.53		

Surrogate: 1-Chlorooctane 89.8 % 35-147

Surrogate: 1-Chlorooctadecane 94.7 % 28-171

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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:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 6 @ 1' (H602248-15)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2016	ND	2.17	108	2.00	1.88	
Toluene*	0.080	0.050	10/07/2016	ND	2.22	111	2.00	2.23	
Ethylbenzene*	0.242	0.050	10/07/2016	ND	2.15	108	2.00	2.08	
Total Xylenes*	0.704	0.150	10/07/2016	ND	6.47	108	6.00	1.97	
Total BTEX	1.03	0.300	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	62.3	50.0	10/07/2016	ND	193	96.5	200	0.362	
DRO >C10-C28	1270	50.0	10/07/2016	ND	212	106	200	1.53	

Surrogate: 1-Chlorooctane 99.7 % 35-147

Surrogate: 1-Chlorooctadecane 122 % 28-171

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

Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 6 @ 2' (H602248-16)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2016	ND	2.17	108	2.00	1.88	
Toluene*	<0.050	0.050	10/07/2016	ND	2.22	111	2.00	2.23	
Ethylbenzene*	<0.050	0.050	10/07/2016	ND	2.15	108	2.00	2.08	
Total Xylenes*	<0.150	0.150	10/07/2016	ND	6.47	108	6.00	1.97	
Total BTEX	<0.300	0.300	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/07/2016	ND	193	96.5	200	0.362	
DRO >C10-C28	<10.0	10.0	10/07/2016	ND	212	106	200	1.53	

Surrogate: 1-Chlorooctane 88.8 % 35-147

Surrogate: 1-Chlorooctadecane 93.0 % 28-171

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

Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 7 @ 1' (H602248-17)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2016	ND	2.17	108	2.00	1.88	
Toluene*	0.071	0.050	10/07/2016	ND	2.22	111	2.00	2.23	
Ethylbenzene*	0.176	0.050	10/07/2016	ND	2.15	108	2.00	2.08	
Total Xylenes*	0.551	0.150	10/07/2016	ND	6.47	108	6.00	1.97	
Total BTEX	0.798	0.300	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	10/07/2016	ND	194	96.8	200	0.673	
DRO >C10-C28	842	50.0	10/07/2016	ND	205	102	200	0.827	

Surrogate: 1-Chlorooctane 92.5 % 35-147

Surrogate: 1-Chlorooctadecane 111 % 28-171

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Fax To: (575) 397-0397

Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 7 @ 2' (H602248-18)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2016	ND	2.17	108	2.00	1.88	
Toluene*	<0.050	0.050	10/07/2016	ND	2.22	111	2.00	2.23	
Ethylbenzene*	<0.050	0.050	10/07/2016	ND	2.15	108	2.00	2.08	
Total Xylenes*	<0.150	0.150	10/07/2016	ND	6.47	108	6.00	1.97	
Total BTEX	<0.300	0.300	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/07/2016	ND	194	96.8	200	0.673	
DRO >C10-C28	<10.0	10.0	10/07/2016	ND	205	102	200	0.827	

Surrogate: 1-Chlorooctane 85.2 % 35-147

Surrogate: 1-Chlorooctadecane 90.0 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 8 @ 1' (H602248-19)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2016	ND	2.17	108	2.00	1.88	
Toluene*	<0.050	0.050	10/07/2016	ND	2.22	111	2.00	2.23	
Ethylbenzene*	<0.050	0.050	10/07/2016	ND	2.15	108	2.00	2.08	
Total Xylenes*	<0.150	0.150	10/07/2016	ND	6.47	108	6.00	1.97	
Total BTEX	<0.300	0.300	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/07/2016	ND	194	96.8	200	0.673	
DRO >C10-C28	<10.0	10.0	10/07/2016	ND	205	102	200	0.827	

Surrogate: 1-Chlorooctane 101 % 35-147

Surrogate: 1-Chlorooctadecane 99.0 % 28-171

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

Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 8 @ 2' (H602248-20)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2016	ND	2.17	108	2.00	1.88		
Toluene*	<0.050	0.050	10/07/2016	ND	2.22	111	2.00	2.23		
Ethylbenzene*	<0.050	0.050	10/07/2016	ND	2.15	108	2.00	2.08		
Total Xylenes*	<0.150	0.150	10/07/2016	ND	6.47	108	6.00	1.97		
Total BTEX	<0.300	0.300	10/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/07/2016	ND	194	96.8	200	0.673		
DRO >C10-C28	<10.0	10.0	10/07/2016	ND	205	102	200	0.827		

Surrogate: 1-Chlorooctane 99.7 % 35-147

Surrogate: 1-Chlorooctadecane 97.4 % 28-171

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Fax To: (575) 397-0397

Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 9 @ 1' (H602248-21)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2016	ND	2.17	108	2.00	1.88	
Toluene*	<0.050	0.050	10/07/2016	ND	2.22	111	2.00	2.23	
Ethylbenzene*	<0.050	0.050	10/07/2016	ND	2.15	108	2.00	2.08	
Total Xylenes*	<0.150	0.150	10/07/2016	ND	6.47	108	6.00	1.97	
Total BTEX	<0.300	0.300	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/07/2016	ND	194	96.8	200	0.673	
DRO >C10-C28	<10.0	10.0	10/07/2016	ND	205	102	200	0.827	

Surrogate: 1-Chlorooctane 99.0 % 35-147

Surrogate: 1-Chlorooctadecane 103 % 28-171

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

Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 10 @ 1' (H602248-22)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.22	1.00	10/07/2016	ND	2.17	108	2.00	1.88	
Toluene*	3.51	1.00	10/07/2016	ND	2.22	111	2.00	2.23	
Ethylbenzene*	8.57	1.00	10/07/2016	ND	2.15	108	2.00	2.08	
Total Xylenes*	23.4	3.00	10/07/2016	ND	6.47	108	6.00	1.97	
Total BTEX	36.7	6.00	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1720	100	10/07/2016	ND	194	96.8	200	0.673		
DRO >C10-C28	11700	100	10/07/2016	ND	205	102	200	0.827		

Surrogate: 1-Chlorooctane 223 % 35-147

Surrogate: 1-Chlorooctadecane 306 % 28-171

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Fax To: (575) 397-0397

Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 10 @ 2' (H602248-23)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	10/07/2016	ND	2.17	108	2.00	1.88	
Toluene*	8.28	1.00	10/07/2016	ND	2.22	111	2.00	2.23	
Ethylbenzene*	12.2	1.00	10/07/2016	ND	2.15	108	2.00	2.08	
Total Xylenes*	37.5	3.00	10/07/2016	ND	6.47	108	6.00	1.97	
Total BTEX	58.0	6.00	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	3350	100	10/07/2016	ND	194	96.8	200	0.673		
DRO >C10-C28	13400	100	10/07/2016	ND	205	102	200	0.827		

Surrogate: 1-Chlorooctane 212 % 35-147

Surrogate: 1-Chlorooctadecane 340 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 10 @ 3' (H602248-24)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2016	ND	2.17	108	2.00	1.88	
Toluene*	0.133	0.050	10/07/2016	ND	2.22	111	2.00	2.23	
Ethylbenzene*	0.384	0.050	10/07/2016	ND	2.15	108	2.00	2.08	
Total Xylenes*	1.05	0.150	10/07/2016	ND	6.47	108	6.00	1.97	
Total BTEX	1.57	0.300	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	70.6	50.0	10/07/2016	ND	194	96.8	200	0.673	
DRO >C10-C28	1550	50.0	10/07/2016	ND	205	102	200	0.827	

Surrogate: 1-Chlorooctane 104 % 35-147

Surrogate: 1-Chlorooctadecane 127 % 28-171

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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:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 10 @ 4' (H602248-25)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2016	ND	2.17	108	2.00	1.88	
Toluene*	<0.050	0.050	10/07/2016	ND	2.22	111	2.00	2.23	
Ethylbenzene*	<0.050	0.050	10/07/2016	ND	2.15	108	2.00	2.08	
Total Xylenes*	<0.150	0.150	10/07/2016	ND	6.47	108	6.00	1.97	
Total BTEX	<0.300	0.300	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/07/2016	ND	194	96.8	200	0.673	
DRO >C10-C28	62.5	10.0	10/07/2016	ND	205	102	200	0.827	

Surrogate: 1-Chlorooctane 82.7 % 35-147

Surrogate: 1-Chlorooctadecane 88.6 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 10 @ 5' (H602248-26)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2016	ND	2.17	108	2.00	1.88	
Toluene*	<0.050	0.050	10/07/2016	ND	2.22	111	2.00	2.23	
Ethylbenzene*	<0.050	0.050	10/07/2016	ND	2.15	108	2.00	2.08	
Total Xylenes*	<0.150	0.150	10/07/2016	ND	6.47	108	6.00	1.97	
Total BTEX	<0.300	0.300	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/07/2016	ND	194	96.8	200	0.673	
DRO >C10-C28	25.9	10.0	10/07/2016	ND	205	102	200	0.827	

Surrogate: 1-Chlorooctane 71.8 % 35-147

Surrogate: 1-Chlorooctadecane 78.0 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 10 @ 6' (H602248-27)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2016	ND	2.17	108	2.00	1.88	
Toluene*	<0.050	0.050	10/07/2016	ND	2.22	111	2.00	2.23	
Ethylbenzene*	<0.050	0.050	10/07/2016	ND	2.15	108	2.00	2.08	
Total Xylenes*	<0.150	0.150	10/07/2016	ND	6.47	108	6.00	1.97	
Total BTEX	<0.300	0.300	10/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/07/2016	ND	194	96.8	200	0.673	
DRO >C10-C28	<10.0	10.0	10/07/2016	ND	205	102	200	0.827	

Surrogate: 1-Chlorooctane 90.0 % 35-147

Surrogate: 1-Chlorooctadecane 87.9 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 11 @ 1' (H602248-28)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	10/10/2016	ND	2.42	121	2.00	0.542	QM-07
Toluene*	4.57	2.00	10/10/2016	ND	2.50	125	2.00	0.0914	
Ethylbenzene*	8.40	2.00	10/10/2016	ND	2.39	120	2.00	0.999	
Total Xylenes*	22.2	6.00	10/10/2016	ND	7.21	120	6.00	0.950	
Total BTX	35.2	12.0	10/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	2120	100	10/07/2016	ND	194	96.8	200	0.673		
DRO >C10-C28	11900	100	10/07/2016	ND	205	102	200	0.827		

Surrogate: 1-Chlorooctane 186 % 35-147

Surrogate: 1-Chlorooctadecane 312 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 11 @ 2' (H602248-29)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	10/10/2016	ND	2.42	121	2.00	0.542	
Toluene*	0.907	0.200	10/10/2016	ND	2.50	125	2.00	0.0914	
Ethylbenzene*	2.50	0.200	10/10/2016	ND	2.39	120	2.00	0.999	
Total Xylenes*	4.15	0.600	10/10/2016	ND	7.21	120	6.00	0.950	
Total BTEx	7.55	1.20	10/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 141 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: CK				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	550	500	10/10/2016	ND	194	96.8	200	0.673	
DRO >C10-C28	8650	500	10/10/2016	ND	205	102	200	0.827	

Surrogate: 1-Chlorooctane 120 % 35-147

Surrogate: 1-Chlorooctadecane 253 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 11 @ 3' (H602248-30)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/10/2016	ND	2.42	121	2.00	0.542	
Toluene*	0.203	0.050	10/10/2016	ND	2.50	125	2.00	0.0914	
Ethylbenzene*	0.694	0.050	10/10/2016	ND	2.39	120	2.00	0.999	
Total Xylenes*	2.01	0.150	10/10/2016	ND	7.21	120	6.00	0.950	
Total BTX	2.91	0.300	10/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	99.6	10.0	10/10/2016	ND	194	96.8	200	0.673	
DRO >C10-C28	1770	10.0	10/10/2016	ND	205	102	200	0.827	

Surrogate: 1-Chlorooctane 89.0 % 35-147

Surrogate: 1-Chlorooctadecane 112 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 11 @ 4' (H602248-31)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2016	ND	2.42	121	2.00	0.542		
Toluene*	<0.050	0.050	10/10/2016	ND	2.50	125	2.00	0.0914		
Ethylbenzene*	<0.050	0.050	10/10/2016	ND	2.39	120	2.00	0.999		
Total Xylenes*	<0.150	0.150	10/10/2016	ND	7.21	120	6.00	0.950		
Total BTEX	<0.300	0.300	10/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/07/2016	ND	194	96.8	200	0.673		
DRO >C10-C28	39.5	10.0	10/07/2016	ND	205	102	200	0.827		

Surrogate: 1-Chlorooctane 86.1 % 35-147

Surrogate: 1-Chlorooctadecane 80.0 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 11 @ 5' (H602248-32)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2016	ND	2.42	121	2.00	0.542		
Toluene*	<0.050	0.050	10/10/2016	ND	2.50	125	2.00	0.0914		
Ethylbenzene*	<0.050	0.050	10/10/2016	ND	2.39	120	2.00	0.999		
Total Xylenes*	<0.150	0.150	10/10/2016	ND	7.21	120	6.00	0.950		
Total BTEx	<0.300	0.300	10/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/07/2016	ND	194	96.8	200	0.673		
DRO >C10-C28	11.4	10.0	10/07/2016	ND	205	102	200	0.827		

Surrogate: 1-Chlorooctane 88.5 % 35-147

Surrogate: 1-Chlorooctadecane 91.9 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 11 @ 6' (H602248-33)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2016	ND	2.42	121	2.00	0.542		
Toluene*	<0.050	0.050	10/10/2016	ND	2.50	125	2.00	0.0914		
Ethylbenzene*	<0.050	0.050	10/10/2016	ND	2.39	120	2.00	0.999		
Total Xylenes*	<0.150	0.150	10/10/2016	ND	7.21	120	6.00	0.950		
Total BTEx	<0.300	0.300	10/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/07/2016	ND	194	96.8	200	0.673		
DRO >C10-C28	<10.0	10.0	10/07/2016	ND	205	102	200	0.827		

Surrogate: 1-Chlorooctane 87.5 % 35-147

Surrogate: 1-Chlorooctadecane 78.7 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 12 @ 1' (H602248-34)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.13	2.00	10/10/2016	ND	2.42	121	2.00	0.542	
Toluene*	6.89	2.00	10/10/2016	ND	2.50	125	2.00	0.0914	
Ethylbenzene*	11.4	2.00	10/10/2016	ND	2.39	120	2.00	0.999	
Total Xylenes*	36.4	6.00	10/10/2016	ND	7.21	120	6.00	0.950	
Total BTEX	56.8	12.0	10/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	3030	100	10/07/2016	ND	194	96.8	200	0.673		
DRO >C10-C28	12300	100	10/07/2016	ND	205	102	200	0.827		

Surrogate: 1-Chlorooctane 212 % 35-147

Surrogate: 1-Chlorooctadecane 293 % 28-171

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Fax To: (575) 397-0397

Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 12 @ 2' (H602248-35)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.32	1.00	10/10/2016	ND	2.42	121	2.00	0.542	
Toluene*	4.85	1.00	10/10/2016	ND	2.50	125	2.00	0.0914	
Ethylbenzene*	9.25	1.00	10/10/2016	ND	2.39	120	2.00	0.999	
Total Xylenes*	29.5	3.00	10/10/2016	ND	7.21	120	6.00	0.950	
Total BTEX	44.9	6.00	10/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1810	100	10/07/2016	ND	194	96.8	200	0.673		
DRO >C10-C28	9110	100	10/07/2016	ND	205	102	200	0.827		

Surrogate: 1-Chlorooctane 220 % 35-147

Surrogate: 1-Chlorooctadecane 314 % 28-171

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

Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 12 @ 3' (H602248-36)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/10/2016	ND	2.42	121	2.00	0.542	
Toluene*	<0.050	0.050	10/10/2016	ND	2.50	125	2.00	0.0914	
Ethylbenzene*	0.090	0.050	10/10/2016	ND	2.39	120	2.00	0.999	
Total Xylenes*	0.284	0.150	10/10/2016	ND	7.21	120	6.00	0.950	
Total BTEX	0.375	0.300	10/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	10/07/2016	ND	194	96.8	200	0.673	
DRO >C10-C28	482	50.0	10/07/2016	ND	205	102	200	0.827	

Surrogate: 1-Chlorooctane 85.8 % 35-147

Surrogate: 1-Chlorooctadecane 100 % 28-171

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Fax To: (575) 397-0397

Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 12 @ 4' (H602248-37)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2016	ND	2.42	121	2.00	0.542		
Toluene*	<0.050	0.050	10/10/2016	ND	2.50	125	2.00	0.0914		
Ethylbenzene*	0.057	0.050	10/10/2016	ND	2.39	120	2.00	0.999		
Total Xylenes*	<0.150	0.150	10/10/2016	ND	7.21	120	6.00	0.950		
Total BTEX	<0.300	0.300	10/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/07/2016	ND	178	88.9	200	0.564		
DRO >C10-C28	27.6	10.0	10/07/2016	ND	189	94.4	200	0.860		

Surrogate: 1-Chlorooctane 65.6 % 35-147

Surrogate: 1-Chlorooctadecane 74.7 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 13 @ 1' (H602248-38)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	10/10/2016	ND	2.42	121	2.00	0.542	
Toluene*	7.00	2.00	10/10/2016	ND	2.50	125	2.00	0.0914	
Ethylbenzene*	11.6	2.00	10/10/2016	ND	2.39	120	2.00	0.999	
Total Xylenes*	40.7	6.00	10/10/2016	ND	7.21	120	6.00	0.950	
Total BTEX	59.3	12.0	10/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	2330	100	10/07/2016	ND	178	88.9	200	0.564		
DRO >C10-C28	11000	100	10/07/2016	ND	189	94.4	200	0.860		

Surrogate: 1-Chlorooctane 227 % 35-147

Surrogate: 1-Chlorooctadecane 272 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 13 @ 2' (H602248-39)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	10/10/2016	ND	2.42	121	2.00	0.542	
Toluene*	5.49	1.00	10/10/2016	ND	2.50	125	2.00	0.0914	
Ethylbenzene*	9.10	1.00	10/10/2016	ND	2.39	120	2.00	0.999	
Total Xylenes*	30.9	3.00	10/10/2016	ND	7.21	120	6.00	0.950	
Total BTEX	45.5	6.00	10/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1740	100	10/07/2016	ND	178	88.9	200	0.564		
DRO >C10-C28	8220	100	10/07/2016	ND	189	94.4	200	0.860		

Surrogate: 1-Chlorooctane 201 % 35-147

Surrogate: 1-Chlorooctadecane 206 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 13 @ 3' (H602248-40)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/10/2016	ND	2.42	121	2.00	0.542	
Toluene*	0.115	0.050	10/10/2016	ND	2.50	125	2.00	0.0914	
Ethylbenzene*	0.371	0.050	10/10/2016	ND	2.39	120	2.00	0.999	
Total Xylenes*	1.27	0.150	10/10/2016	ND	7.21	120	6.00	0.950	
Total BTEX	1.76	0.300	10/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	56.8	50.0	10/07/2016	ND	178	88.9	200	0.564	
DRO >C10-C28	762	50.0	10/07/2016	ND	189	94.4	200	0.860	

Surrogate: 1-Chlorooctane 83.1 % 35-147

Surrogate: 1-Chlorooctadecane 96.7 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 13 @ 4' (H602248-41)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2016	ND	2.42	121	2.00	0.542		
Toluene*	<0.050	0.050	10/10/2016	ND	2.50	125	2.00	0.0914		
Ethylbenzene*	<0.050	0.050	10/10/2016	ND	2.39	120	2.00	0.999		
Total Xylenes*	<0.150	0.150	10/10/2016	ND	7.21	120	6.00	0.950		
Total BTEX	<0.300	0.300	10/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/07/2016	ND	178	88.9	200	0.564		
DRO >C10-C28	29.9	10.0	10/07/2016	ND	189	94.4	200	0.860		

Surrogate: 1-Chlorooctane 78.9 % 35-147

Surrogate: 1-Chlorooctadecane 79.9 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 14 @ 1' (H602248-42)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.30	1.00	10/10/2016	ND	2.42	121	2.00	0.542	
Toluene*	3.79	1.00	10/10/2016	ND	2.50	125	2.00	0.0914	
Ethylbenzene*	7.15	1.00	10/10/2016	ND	2.39	120	2.00	0.999	
Total Xylenes*	16.8	3.00	10/10/2016	ND	7.21	120	6.00	0.950	
Total BTEX	29.0	6.00	10/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1670	100	10/07/2016	ND	178	88.9	200	0.564		
DRO >C10-C28	10400	100	10/07/2016	ND	189	94.4	200	0.860		

Surrogate: 1-Chlorooctane 196 % 35-147

Surrogate: 1-Chlorooctadecane 277 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 14 @ 2' (H602248-43)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	10/10/2016	ND	2.42	121	2.00	0.542	
Toluene*	1.81	0.500	10/10/2016	ND	2.50	125	2.00	0.0914	
Ethylbenzene*	4.28	0.500	10/10/2016	ND	2.39	120	2.00	0.999	
Total Xylenes*	9.03	1.50	10/10/2016	ND	7.21	120	6.00	0.950	
Total BTEX	15.1	3.00	10/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	970	100	10/07/2016	ND	178	88.9	200	0.564		
DRO >C10-C28	8290	100	10/07/2016	ND	189	94.4	200	0.860		

Surrogate: 1-Chlorooctane 184 % 35-147

Surrogate: 1-Chlorooctadecane 226 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 14 @ 3' (H602248-44)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2016	ND	2.42	121	2.00	0.542		
Toluene*	<0.050	0.050	10/10/2016	ND	2.50	125	2.00	0.0914		
Ethylbenzene*	0.117	0.050	10/10/2016	ND	2.39	120	2.00	0.999		
Total Xylenes*	0.392	0.150	10/10/2016	ND	7.21	120	6.00	0.950		
Total BTEX	0.510	0.300	10/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	27.3	10.0	10/07/2016	ND	178	88.9	200	0.564		
DRO >C10-C28	178	10.0	10/07/2016	ND	189	94.4	200	0.860		

Surrogate: 1-Chlorooctane 85.2 % 35-147

Surrogate: 1-Chlorooctadecane 82.8 % 28-171

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Received:	10/05/2016	Sampling Date:	09/30/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 14 @ 4' (H602248-45)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/10/2016	ND	2.42	121	2.00	0.542	
Toluene*	0.059	0.050	10/10/2016	ND	2.50	125	2.00	0.0914	
Ethylbenzene*	0.157	0.050	10/10/2016	ND	2.39	120	2.00	0.999	
Total Xylenes*	0.482	0.150	10/10/2016	ND	7.21	120	6.00	0.950	
Total BTEX	0.699	0.300	10/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	17.1	10.0	10/07/2016	ND	178	88.9	200	0.564	
DRO >C10-C28	204	10.0	10/07/2016	ND	189	94.4	200	0.860	

Surrogate: 1-Chlorooctane 91.4 % 35-147

Surrogate: 1-Chlorooctadecane 97.8 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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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:	10/05/2016	Sampling Date:	10/03/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 15 @ 1' (H602248-46)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2016	ND	2.42	121	2.00	0.542		
Toluene*	<0.050	0.050	10/10/2016	ND	2.50	125	2.00	0.0914		
Ethylbenzene*	<0.050	0.050	10/10/2016	ND	2.39	120	2.00	0.999		
Total Xylenes*	<0.150	0.150	10/10/2016	ND	7.21	120	6.00	0.950		
Total BTEX	<0.300	0.300	10/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/07/2016	ND	178	88.9	200	0.564		
DRO >C10-C28	15.1	10.0	10/07/2016	ND	189	94.4	200	0.860		

Surrogate: 1-Chlorooctane 84.2 % 35-147

Surrogate: 1-Chlorooctadecane 87.9 % 28-171

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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:	10/05/2016	Sampling Date:	10/03/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 15 @ 2' (H602248-47)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2016	ND	2.42	121	2.00	0.542		
Toluene*	<0.050	0.050	10/10/2016	ND	2.50	125	2.00	0.0914		
Ethylbenzene*	<0.050	0.050	10/10/2016	ND	2.39	120	2.00	0.999		
Total Xylenes*	<0.150	0.150	10/10/2016	ND	7.21	120	6.00	0.950		
Total BTEX	<0.300	0.300	10/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/07/2016	ND	178	88.9	200	0.564		
DRO >C10-C28	<10.0	10.0	10/07/2016	ND	189	94.4	200	0.860		

Surrogate: 1-Chlorooctane 90.8 % 35-147

Surrogate: 1-Chlorooctadecane 93.0 % 28-171

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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:	10/05/2016	Sampling Date:	10/03/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 16 @ 1' (H602248-48)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2016	ND	2.19	109	2.00	0.609		
Toluene*	<0.050	0.050	10/10/2016	ND	2.24	112	2.00	1.35		
Ethylbenzene*	<0.050	0.050	10/10/2016	ND	2.18	109	2.00	1.08		
Total Xylenes*	<0.150	0.150	10/10/2016	ND	6.58	110	6.00	1.07		
Total BTEX	<0.300	0.300	10/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/07/2016	ND	178	88.9	200	0.564		
DRO >C10-C28	<10.0	10.0	10/07/2016	ND	189	94.4	200	0.860		

Surrogate: 1-Chlorooctane 89.6 % 35-147

Surrogate: 1-Chlorooctadecane 91.7 % 28-171

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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:	10/05/2016	Sampling Date:	10/03/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 16 @ 2' (H602248-49)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2016	ND	2.19	109	2.00	0.609		
Toluene*	<0.050	0.050	10/10/2016	ND	2.24	112	2.00	1.35		
Ethylbenzene*	<0.050	0.050	10/10/2016	ND	2.18	109	2.00	1.08		
Total Xylenes*	<0.150	0.150	10/10/2016	ND	6.58	110	6.00	1.07		
Total BTEX	<0.300	0.300	10/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/08/2016	ND	178	88.9	200	0.564		
DRO >C10-C28	<10.0	10.0	10/08/2016	ND	189	94.4	200	0.860		

Surrogate: 1-Chlorooctane 84.6 % 35-147

Surrogate: 1-Chlorooctadecane 88.6 % 28-171

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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:	10/05/2016	Sampling Date:	10/03/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 17 @ 1' (H602248-50)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2016	ND	2.19	109	2.00	0.609		
Toluene*	<0.050	0.050	10/10/2016	ND	2.24	112	2.00	1.35		
Ethylbenzene*	0.055	0.050	10/10/2016	ND	2.18	109	2.00	1.08		
Total Xylenes*	0.216	0.150	10/10/2016	ND	6.58	110	6.00	1.07		
Total BTEX	<0.300	0.300	10/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<50.0	50.0	10/08/2016	ND	178	88.9	200	0.564		
DRO >C10-C28	575	50.0	10/08/2016	ND	189	94.4	200	0.860		

Surrogate: 1-Chlorooctane 82.5 % 35-147

Surrogate: 1-Chlorooctadecane 96.0 % 28-171

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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:	10/05/2016	Sampling Date:	10/03/2016
Reported:	10/11/2016	Sampling Type:	Soil
Project Name:	COVINGTON A FED #9 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 17 @ 2' (H602248-51)

BTEx 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2016	ND	2.19	109	2.00	0.609		
Toluene*	<0.050	0.050	10/10/2016	ND	2.24	112	2.00	1.35		
Ethylbenzene*	<0.050	0.050	10/10/2016	ND	2.18	109	2.00	1.08		
Total Xylenes*	<0.150	0.150	10/10/2016	ND	6.58	110	6.00	1.07		
Total BTEX	<0.300	0.300	10/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.6-140

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/08/2016	ND	178	88.9	200	0.564		
DRO >C10-C28	<10.0	10.0	10/08/2016	ND	189	94.4	200	0.860		

Surrogate: 1-Chlorooctane 91.2 % 35-147

Surrogate: 1-Chlorooctadecane 93.3 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside if QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
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



Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

9/28/16

Company Name: BBC International, Inc.		P.O. #:		BILL TO																							
Project Manager: Cliff Brunson		Company:		ANALYSIS REQUEST																							
Address: P.O. Box 805		Attn:																									
City: Hobbs		Address:																									
State: NM Zip: 88241		City:																									
Phone #: 575-397-6388 Fax #: 575-397-0397		State: Zip:																									
Project #:		Project Owner: Oxy																									
Project Name: Covington A Federal #9 CTB		Phone #:																									
Project Location: Lea County, NM		Fax #:																									
Sampler Name: Jeff Ornelas		PRESERV		SAMPLING																							
FOR LAB USE ONLY																											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		DATE		TIME															
SP9 @ 1'		SP9 @ 1'		1		1		GROUNDWATER		9/30/16		11:25 AM		TPH													
SP10 @ 1'		SP10 @ 1'		1		1		WASTEWATER		9/30/16		11:32 AM		BTEX													
SP10 @ 2'		SP10 @ 2'		1		1		SOIL		9/30/16		11:50 AM															
SP10 @ 3'		SP10 @ 3'		1		1		OIL		9/30/16		12:00 PM															
SP10 @ 4'		SP10 @ 4'		1		1		SLUDGE		9/30/16		12:44 PM															
SP10 @ 5'		SP10 @ 5'		1		1		OTHER :		9/30/16		1:05 PM															
SP10 @ 6'		SP10 @ 6'		1		1		ACID/BASE:		9/30/16		1:11 PM															
SP11 @ 1'		SP11 @ 1'		1		1		ICE / COOL		9/30/16		1:25 PM															
SP11 @ 2'		SP11 @ 2'		1		1		OTHER :		9/30/16		1:35 PM															
SP11 @ 3'		SP11 @ 3'		1		1				9/30/16		1:42 PM															
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Relinquished By: Jeff Ornelas		Date: 10/13/16		Time: 4:00 PM		Received By: Jeff Ornelas		Date: 10/13/16		Time: 4:00 PM		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: (Initials)													
Delivered By: (Circle One)		Sampler - UPS - Bus - Other:		-1, 2, 3																							
REMARKS:																											

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#75

ORDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476									
Company Name: BBC International, Inc.									
Project Manager: Cliff Brunson									
Address: P.O. Box 805									
City: Hobbs									
State: NM Zip: 88241									
Phone #: 575-397-6388 Fax #: 575-397-0397									
Project #:									
Project Name: Covington A Federal #9 CTB									
Project Location: Lea County, NM									
Sampler Name: Jeff Ornelas									
FOR LAB USE ONLY									
Lab I.D. Sample I.D.									
SP11 @ 4' SP11 @ 5' SP11 @ 6' SP12 @ 1' SP12 @ 2' SP12 @ 3' SP12 @ 4' SP13 @ 1' SP13 @ 2' SP13 @ 3'									
(G)RAB OR (C)OMP. # CONTAINERS									
GROUNDWATER WASTEWATER									
SOIL OIL SLUDGE OTHER :									
ACID/BASE: ICE / COOL OTHER :									
DATE TIME									
TPH BTEX									
ANALYSIS REQUEST									



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: Covington A Federal #9 CTB

Project Location: Lea County, NM

Sampler Name: Jeff Ornelas

FOR LAB USE ONLY

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

Lab I.D.

Sample I.D.

HL002248

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH

BTEX

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

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Relinquished By:

Date:

Time:

Received By:

Date:

Time:

Received By:

Date:

Time:

Received By:

Date:

Time:

Received By:

Date:

Time:

Received By:

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Relinquished By:

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Date:

Time:

Received By:

Date:

Time:

Received By:

Date:

Time:

Received By:

Date:

Time:

Received By:

Date:

Time:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition

Cool

Intact

Yes

Yes

No

No

Checked By:

Initials

Checked By:

Initials

Checked By:

Initials

Checked By:

Initials

Checked By:

Initials

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Oxy Permian Ltd.	Contact	Casey Summers
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(575) 513-8289
Facility Name	Covington A Federal #9 CTB	Facility Type	Battery
Surface Owner	BLM	Mineral Owner	
		API No.	30-25-32036

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
SW ¼	25	22S	32E					Lea County, NM

Latitude N 32.35675° Longitude W 103.63088°

NATURE OF RELEASE

Type of Release	Oil	Volume of Release	150 bbls	Volume Recovered	140 bbls
Source of Release	The water dump valve was stuck in the closed position which lead to a frac tank spill	Date and Hour of Occurrence	08/31/2016	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Jamie Keyes, Kristen Lynch-NMOCD; Shelly Tucker-BLM		
By Whom?	Kathy Purvis @ BBC International Inc.	Date and Hour	08/31/2016 @ 3:45 pm		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

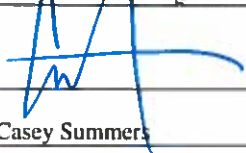
Describe Cause of Problem and Remedial Action Taken.*

The water dump valve was stuck in the closed position which lead to the frac tank spilling 150 bbls of oil. A vacuum truck recovered 140 bbls and the valve issue was resolved.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 500' x 25' both on location and south of location on the road. Remediation will be completed in accordance with a remediation plan approved by NMOCD and the BLM.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:				<u>OIL CONSERVATION DIVISION</u>	
Printed Name:	Casey Summers	Approved by Environmental Specialist:			
Title:	NM Environmental Advisor	Approval Date:		Expiration Date:	
E-mail Address:	Casey_Summers@oxy.com	Conditions of Approval:			Attached <input type="checkbox"/>
Date:	9-12-16	Phone:		(575) 513-8289	

* Attach Additional Sheets If Necessary