

Closure Report

Site Description

Site Name:	Oxy Permian Ltd.
Company:	Covington A Federal #9 CTB
Legal Description:	SW ¼ , Section 25, T22S, R32E
County:	Lea County, NM
GPS Coordinates:	N 32.35675 W-103.63088

Release Data

Date of Release:	08/31/2016
Type of Release:	Oil
Source of Release:	Frac tank spill due to dump valve stuck in closed position
Volume of Release:	150 bbls
Volume Recovered:	140 bbls

Remediation Specifications

Remediation Parameters:	Excavate the areas of SP1-SP4 to a depth of 1 foot. Excavate the areas of SP5-SP7 to a depth of 6 inches. Backdrag the areas of SP8, SP9, and SP15-SP17. Excavate the areas of SP10-SP14 to a depth of 2 feet. Backfill the site with clean soil.	
Remediation Activities:	05/25/2018 to 06/12/2018	
Plan Sent to OCD:	11/05/2016	Email from Cliff Brunson to Kristen Lynch
OCD Approval of Plan:	11/07/2016	Verbal approval from Kristen Lynch
Plan Sent to BLM:	11/05/2016	Email from Cliff Brunson to Shelly Tucker
BLM Approval of Plan:	11/07/2016	Email from Shelly Tucker to Cliff Brunson

Supporting Documentation

Initial C-141	Signed 09/12/2016
Final C-141	Upon completion
Site Diagram	September 2016
Groundwater Plot	450'
TOPO Maps	September 2016
Lab Summary	09/29/2016 to 10/03/2016
Lab Analysis	09/29/2016 to 10/03/2016
Correspondence	Request and approval of remediation plan via email

Request for Closure

Based on the completion of the remediation plan, Oxy Permian requests closure approval from NMOCD.

Wade Dittrich, Environmental Specialist, Oxy Permian

06/20/2018

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.*

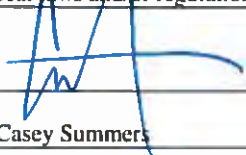
Describe Cause of Problem and Remedial Action Taken.*

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		

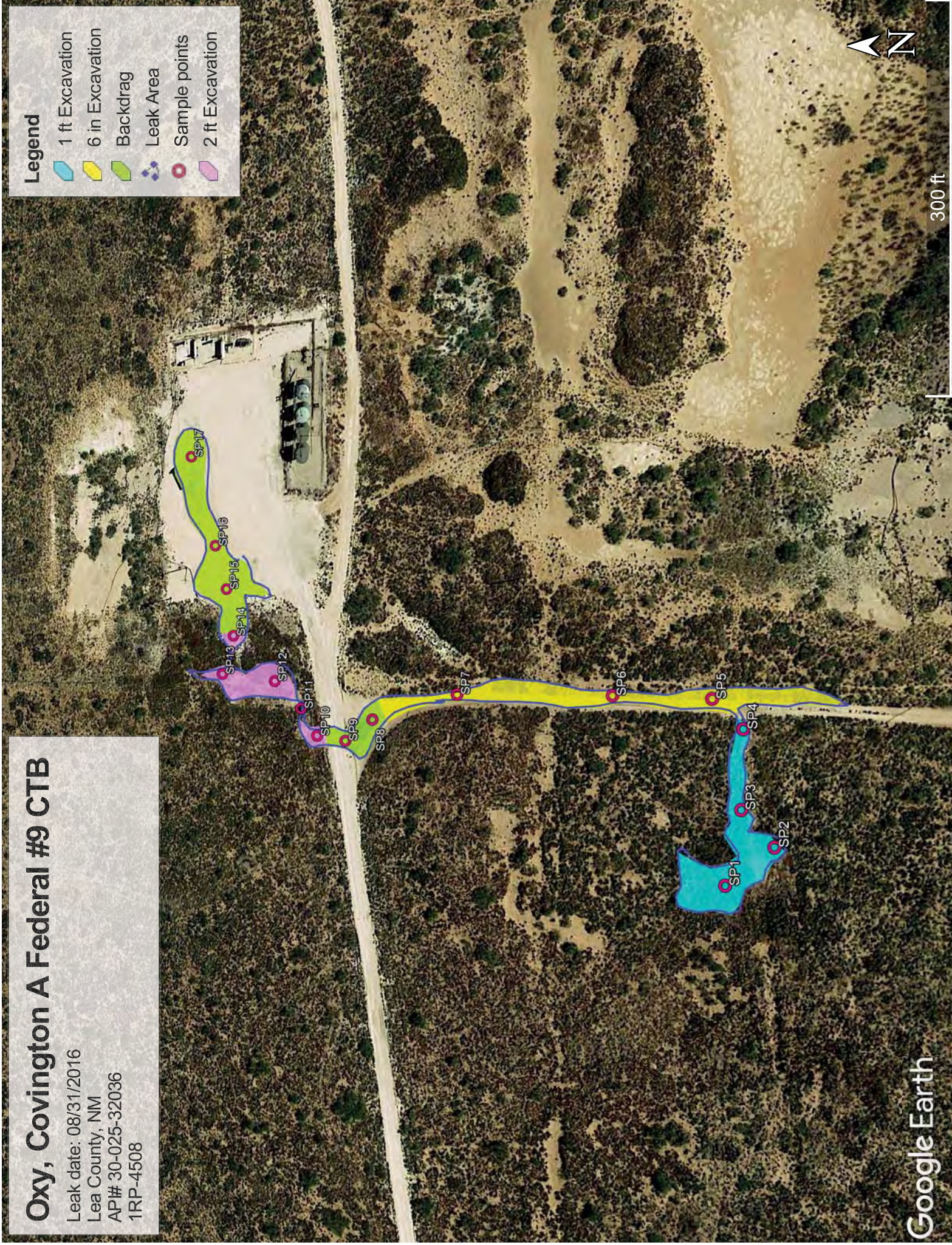
* Attach Additional Sheets If Necessary

Oxy, Covington A Federal #9 CTB

Leak date: 08/31/2016
Lea County, NM
API# 30-025-32036
1RP-4508

Legend

- 1 ft Excavation
- 6 in Excavation
- Backdrag
- Leak Area
- Sample points
- 2 ft Excavation



Oxy, Covington A Federal #9 CTB

Sample points

SP1, N 32.35532 W-103.63172

SP2, N 32.35521 W-103.63160

SP3, N 32.35528 W-103.63151

SP4, N 32.35528 W-103.63130

SP5, N 32.35535 W-103.63122

SP6, N 32.35559 W-103.63122

SP7, N 32.35601 W-103.63123

SP8, N 32.35627 W-103.63132

SP9, N 32.35635 W-103.63139

SP10, N 32.35643 W-103.63137

SP11, N 32.35648 W-103.63129

SP12, N 32.35657 W-103.63121

SP13, N 32.35675 W-103.63119

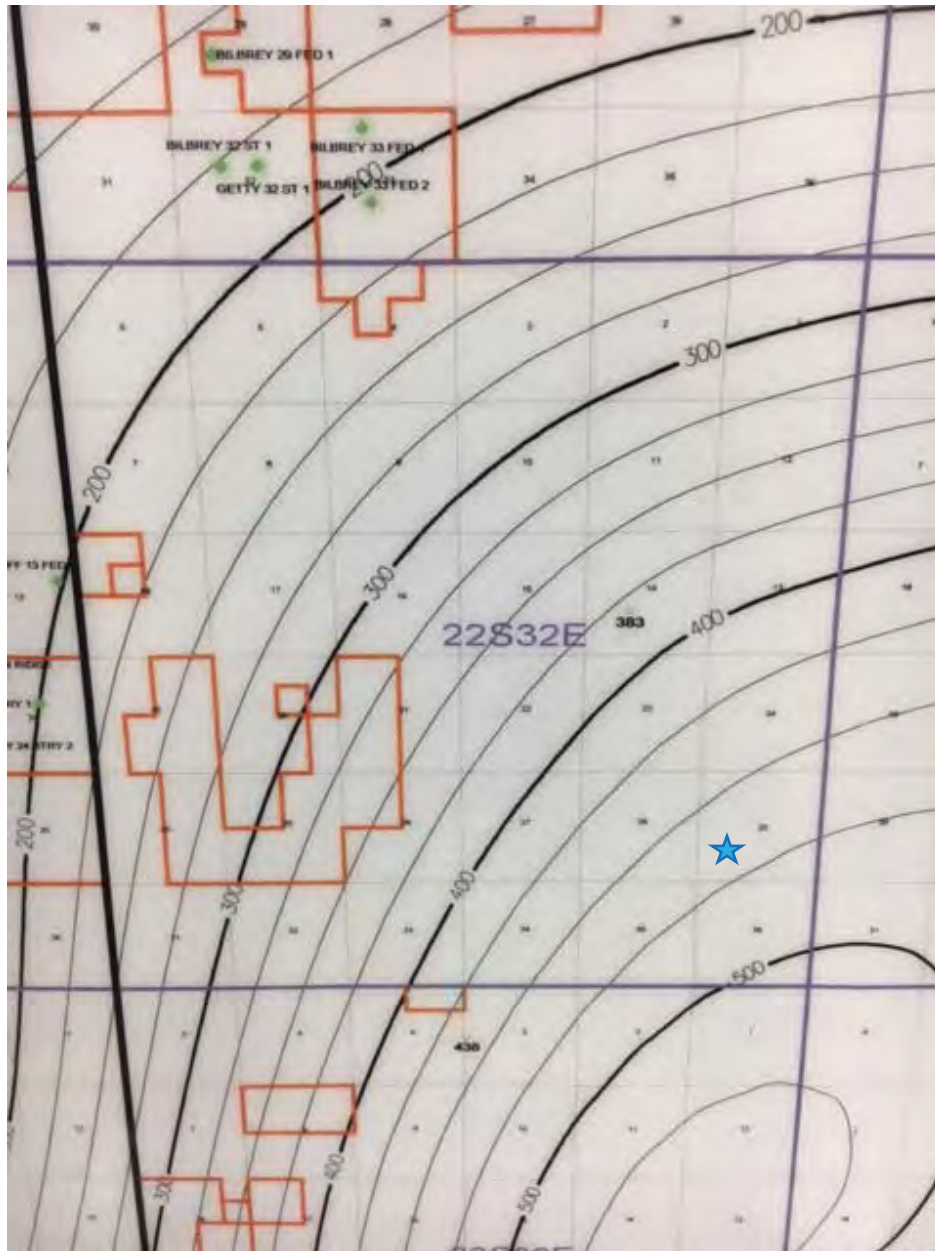
SP14, N 32.35671 W-103.63106

SP15, N 32.35673 W-103.63091

SP16, N 32.35676 W-103.63077

SP17, N 32.35685 W-103.63048

Oxy, Covington A Federal #9 CTB
U/L SW ¼ , Section 25, T22S, R32E
Groundwater: 450'





New Mexico Office of the State Engineer **Water Column/Average Depth to Water**

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 628658

Northing (Y): 3581063

Radius: 1700

Public Land Survey System (PLSS)

☒ Q64: Q16: Q4: SW Sec: 25 Tws: 22S Rng: 32E

State Plane Coordinate System - NAD27

☐ X: 0 ft Y: 0 ft Zone:

State Plane Coordinate System - NAD83

☐ X: 0 ft Y: 0 ft Zone:

Degrees/Minutes/Seconds

☐ Longitude (X): Degrees: 0 ° Minutes: 0 ' Seconds: 0 "

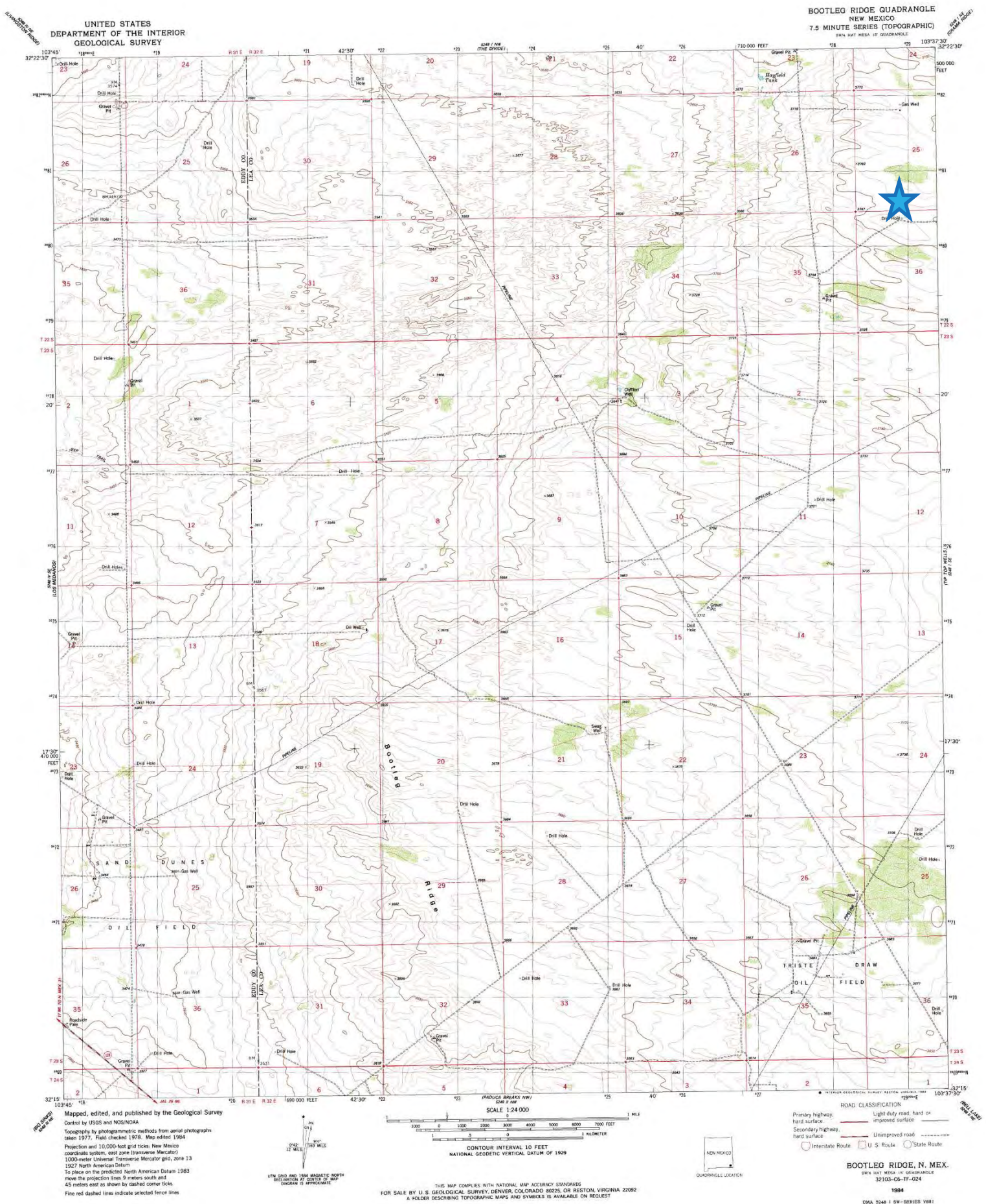
Latitude (Y): Degrees: 0 ° Minutes: 0 ' Seconds: 0 "

UTM - NAD27

☐ Easting (X): 0 mtrs Northing (Y): 0 mtrs Zone:

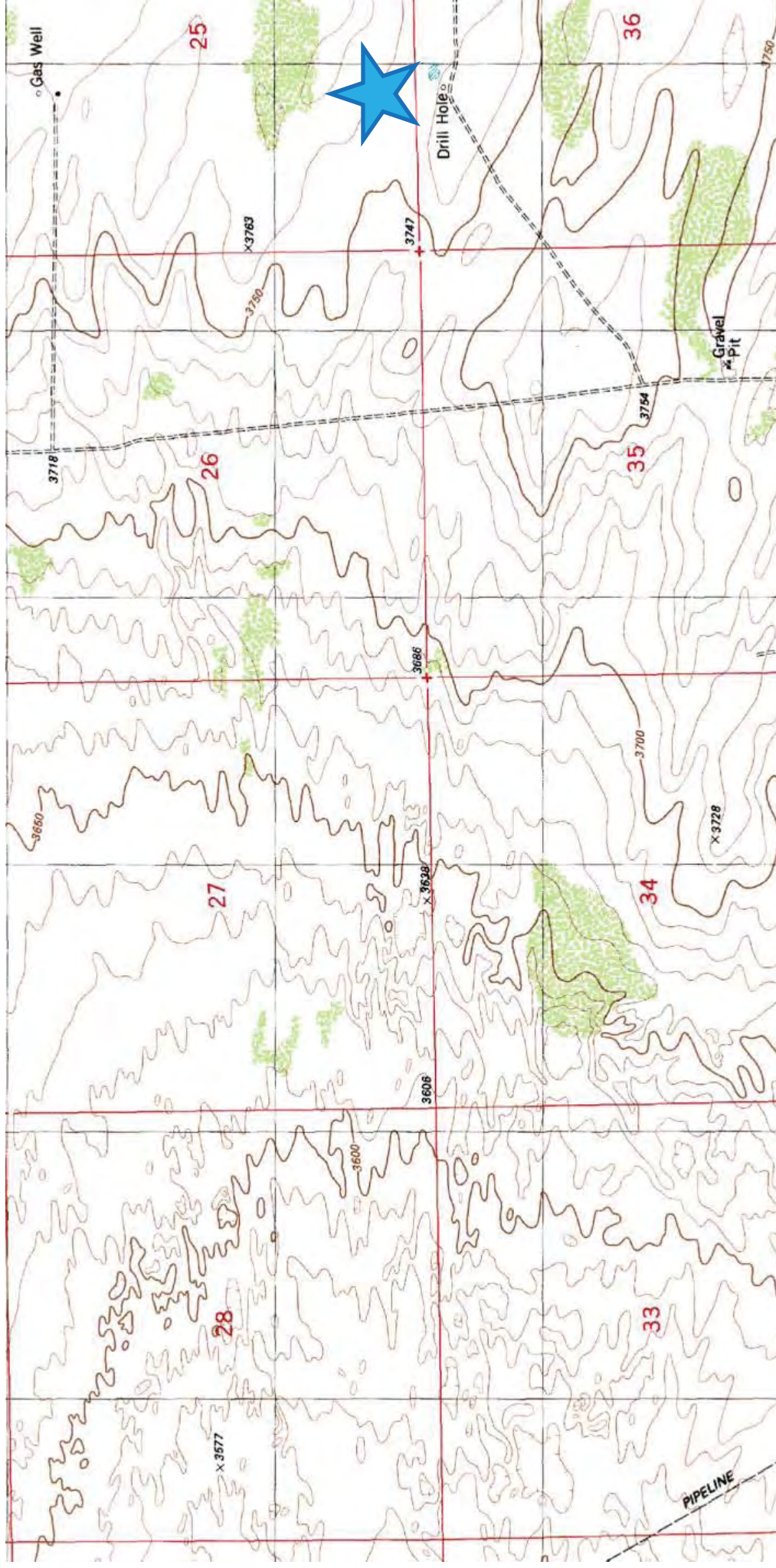
SUBMIT**All Conversion Results are displayed as NAD 1983 UTM Zone 13**Easting (X): 628658.0 mtrsNorthing (Y): 3581063.0 mtrs**~~ Please keep screen open to copy UTM values for Reports. ~~**

Covington A Federal #9 CTB



Oxy

Covington A Federal #9 CTB



Laboratory Analytical Results Summary
Covington A Federal #9 CTB

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

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

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

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

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

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

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

Analyte	Method	Sample		SP8 @ 1'	SP8 @ 2'
		Date			
Benzene	BTEX 8021B			9/30/16 mg/Kg	9/30/16 mg/Kg
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

Analyte	Method	Sample		SP9 @ 1'
		Date		
Benzene	BTEX 8021B			9/30/16 mg/Kg
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

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

Laboratory Analytical Results Summary
Covington A Federal #9 CTB

Analyte	Method	Sample		SP11 @ 1'	SP11 @ 2'	SP11 @ 3'	SP11 @ 4'	SP11 @ 5'	SP11 @ 6'
		Date		9/30/16	9/30/16	9/30/16	9/30/16	9/30/16	9/30/16
Benzene	BTEX 8021B			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
				<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

Analyte	Method	Sample		SP12 @ 1'	SP12 @ 2'	SP12 @ 3'	SP12 @ 4'
		Date		9/30/16	9/30/16	9/30/16	9/30/16
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

Analyte	Method	Sample		SP13 @ 1'	SP13 @ 2'	SP13 @ 3'	SP13 @ 4'
		Date		9/30/16	9/30/16	9/30/16	9/30/16
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

Analyte	Method	Sample		SP14 @ 1'	SP14 @ 2'	SP14 @ 3'	SP14 @ 4'
		Date		9/30/16	9/30/16	9/30/16	9/30/16
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

Analyte	Method	Sample		SP15 @ 1'	SP15 @ 2'
		Date		10/3/16	10/3/16
Benzene	BTEX 8021B			mg/Kg	mg/Kg
				<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

Analyte	Method	Sample		SP16 @ 1'	SP16 @ 2'
		Date		10/3/16	10/3/16
Benzene	BTEX 8021B			mg/Kg	mg/Kg
				<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

Analyte	Method	Sample		SP17 @ 1'	SP17 @ 2'
		Date		10/3/16	10/3/16
Benzene	BTEX 8021B			mg/Kg	mg/Kg
				<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

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,



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

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



Celey D. Keene, Lab Director/Quality Manager

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

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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 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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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 @ 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:

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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 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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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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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 @ 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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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 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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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 @ 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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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 @ 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		

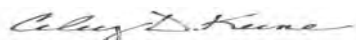
Surrogate: 1-Chlorooctane 98.4 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

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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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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 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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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 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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Cliff Brunson
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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 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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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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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)

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	10/07/2016	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 BTX	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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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 @ 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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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 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
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 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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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)

BTX 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 BTX	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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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 @ 2' (H602248-23)

BTX 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 BTX	58.0	6.00	10/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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	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		

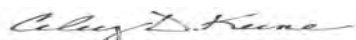
Surrogate: 1-Chlorooctane 212 % 35-147

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)

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	10/07/2016	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 BTX	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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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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Cliff Brunson
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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 11 @ 1' (H602248-28)

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	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 BTEX	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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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 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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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 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		

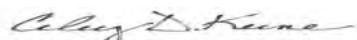
Surrogate: 1-Chlorooctane 87.5 % 35-147

Surrogate: 1-Chlorooctadecane 78.7 % 28-171

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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 @ 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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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 @ 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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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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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 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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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 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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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 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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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 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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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 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

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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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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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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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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:

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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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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

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

Sample Name: Jeff Ornelas

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H003248

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	TPH	BTEX
SP1 @ 1'	G1			GROUNDWATER			9/29/16	9:40 AM	✓	✓
SP1 @ 2'	G1			WASTEWATER			9/29/16	10:15 AM	✓	✓
SP1 @ 3'	G1			SOIL			9/29/16	10:33 AM	✓	✓
SP2 @ 1'	G1			OIL			9/29/16	11:15 AM	✓	✓
SP2 @ 2'	G1			SLUDGE			9/29/16	11:48 AM	✓	✓
SP2 @ 3'	G1			OTHER :			9/29/16	12:49 PM	✓	✓
SP3 @ 1'	G1			ACID/BASE:			9/29/16	1:22 PM	✓	✓
SP3 @ 2'	G1			ICE / COOL			9/29/16	1:39 PM	✓	✓
SP3 @ 3'	G1			OTHER :			9/29/16	1:51 PM	✓	✓
SP4 @ 1'	G1						9/29/16	2:30 PM	✓	✓

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Relinquished By:

Date: 10/3/16

Time: 4:00 PM

Received By:

Date: 10/3/16

Time: 1:45 PM

Received By:

Date: 10/3/16

Time: 1:45 PM

Received By:

Date: 10/3/16

Time: 1:45 PM

Relinquished By:

Date: 10/3/16

Time: 4:00 PM

Received By:

Date: 10/3/16

Time: 1:45 PM

Received By:

Date: 10/3/16

Time: 1:45 PM

Received By:

Date: 10/3/16

Time: 1:45 PM

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Date: 10/3/16

Time: 4:00 PM

Received By:

Date: 10/3/16

Time: 1:45 PM

Received By:

Date: 10/3/16

Time: 1:45 PM

Received By:

Date: 10/3/16

Time: 1:45 PM

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

Sample Name: Jeff Ornelas

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

(G)RAB OR (C)OMP.

CONTAINERS

MATRIX

PRESERV

SAMPLING

DATE

TIME

TPH

BTEX

Yes

No

Add'l Phone #:

Fax Result:

Yes

No

Add'l Fax #:

REMARKS:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

10/5/16

ANALYSIS REQUEST

BILL TO

P.O. #:

Company:

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

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 Owner: Oxy
Project Name: Covington A Federal #9 CTB
Project Location: Lea County, NM

Sample Name: Jeff Ornelas

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	ANALYSIS REQUEST									
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :											
11	SP4 @ 2'	G	1			✓				✓	9/29/16	2:46 PM	✓	✓						
12	SP4 @ 3'	G	1			✓				✓	9/29/16	3:05 PM	✓	✓						
13	SP5 @ 1'	G	1			✓				✓	9/29/16	3:33 PM	✓	✓						
14	SP5 @ 2'	G	1			✓				✓	9/30/16	8:38 AM	✓	✓						
15	SP6 @ 1'	G	1			✓				✓	9/30/16	9:30 AM	✓	✓						
16	SP6 @ 2'	G	1			✓				✓	9/30/16	9:47 AM	✓	✓						
17	SP7 @ 1'	G	1			✓				✓	9/30/16	10:16 AM	✓	✓						
18	SP7 @ 2'	G	1			✓				✓	9/30/16	10:30 AM	✓	✓						
19	SP8 @ 1'	G	1			✓				✓	9/30/16	10:51 AM	✓	✓						
20	SP8 @ 2'	G	1			✓				✓	9/30/16	11:11 AM	✓	✓						

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Relinquished By:

Date: 10/3/16

Received By:

Date: 10/5/16

Time: 1:25

Sample Condition

Cool Intact

Yes Yes

No No

Checked By:

Phone Result:

Fax Result:

Yes Yes

No No

Add'l Phone #:

Add'l Fax #:

REMARKS:

Relinquished By:

Date: 10/3/16

Received By:

Date: 10/5/16

Time: 1:25

Sample Condition

Cool Intact

Yes Yes

No No

Checked By:

Phone Result:

Fax Result:

Yes Yes

No No

Add'l Phone #:

Add'l Fax #:

REMARKS:

Delivered By: (Circle One)

Date: 10/3/16

Received By:

Date: 10/5/16

Time: 1:25

Sample Condition

Cool Intact

Yes Yes

No No

Checked By:

Phone Result:

Fax Result:

Yes Yes

No No

Add'l Phone #:

Add'l Fax #:

REMARKS:

Sampler - UPS - Bus - Other:

Date: 10/3/16

Received By:

Date: 10/5/16

Time: 1:25

Sample Condition

Cool Intact

Yes Yes

No No

Checked By:

Phone Result:

Fax Result:

Yes Yes

No No

Add'l Phone #:

Add'l Fax #:

REMARKS:

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#75



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

9810

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

Sample Name: Jeff Ornelas

FOR LAB USE ONLY

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

Lab I.D.

Sample I.D.

AL002948

SP9 @ 1'

SP10 @ 1'

SP10 @ 2'

SP10 @ 3'

SP10 @ 4'

SP10 @ 5'

SP10 @ 6'

SP11 @ 1'

SP11 @ 2'

SP11 @ 3'

SP11 @ 3'

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SP11 @ 3'

SP11 @ 3'

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SP11 @ 3'

SP9 @ 1'

SP10 @ 1'

SP10 @ 2'

SP10 @ 3



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

BILL TO

Company Name: BBC International, Inc.		P.O. #:	
Project Manager: Cliff Brunson		Company:	
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		FOR LAB USE ONLY	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :				
31	SP11 @ 4'	G	1			✓				9/30/16	1:57 PM	✓	✓
32	SP11 @ 5'	G	1			✓				9/30/16	2:15 PM	✓	✓
33	SP11 @ 6'	G	1			✓				9/30/16	2:30 PM	✓	✓
34	SP12 @ 1'	G	1			✓				9/30/16	2:58 PM	✓	✓
35	SP12 @ 2'	G	1			✓				9/30/16	3:09 PM	✓	✓
36	SP12 @ 3'	G	1			✓				9/30/16	3:11 PM	✓	✓
37	SP12 @ 4'	G	1			✓				9/30/16	3:15 PM	✓	✓
38	SP13 @ 1'	G	1			✓				9/30/16	3:27 PM	✓	✓
39	SP13 @ 2'	G	1			✓				9/30/16	3:33 PM	✓	✓
40	SP13 @ 3'	G	1			✓				9/30/16	3:36 PM	✓	✓

Relinquished By: Jeff Ornelas	Date: 9/30/16	Time: 4:00pm	Received By: Jeff Ornelas	Date: 9/30/16	Time: 1:55pm
Delivered By: (Circle One) <u>UPS</u>	Sample Condition <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact		CHECKED BY: <u>Jeff Ornelas</u>		
Sampler - UPS - Bus - Other: <u>-1. sec</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: <u>#75</u>			
REMARKS:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #:			



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

BILL TO

Company Name: BBC International, Inc.		P.O. #:									
Project Manager: Cliff Brunson		Company:									
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		Phone #:									
Project Name: Covington A Federal #9 CTB		Fax #:									
Project Location: Lea County, NM											
Sample Name: Jeff Ornelas											
FOR LAB USE ONLY											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	TPH	BTEX	
41	SP13 @ 4'	G	1	GROUNDWATER			9/30/16	3:46 PM	✓	✓	
42	SP14 @ 1'	G	1	WASTEWATER			9/30/16	3:57 PM	✓	✓	
43	SP14 @ 2'	G	1	SOIL			9/30/16	4:00 PM	✓	✓	
44	SP14 @ 3'	G	1	OIL			9/30/16	4:05 PM	✓	✓	
45	SP14 @ 4'	G	1	SLUDGE			9/30/16	4:09 PM	✓	✓	
46	SP15 @ 1'	G	1	OTHER :			10/3/16	9:00 AM	✓	✓	
47	SP15 @ 2'	G	1	ACID/BASE:			10/3/16	9:20 AM	✓	✓	
48	SP16 @ 1'	G	1	ICE / COOL			10/3/16	10:15 AM	✓	✓	
49	SP16 @ 2'	G	1	OTHER :			10/3/16	10:33 AM	✓	✓	
50	SP17 @ 1'	G	1				10/3/16	1:30 PM	✓	✓	
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Relinquished By: Jeff Ornelas		Date: 10/3/16		Received By: Jeff Ornelas		Date: 10/3/16		Time: 4:00 PM		Time: 4:00 PM	
Delivered By: (Circle One)		Sample Condition		Cool		Intact		Checked By: (Initials)		Checked By: (Initials)	
Sampler - UPS - Bus - Other:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
REMARKS:											

From: Cliff Brunson
To: [Kristen Lynch](#)
Cc: [Casey Summers](#); jennifer_duarte@oxy.com; [Ken Swinney](#); [Jennifer Gilkey](#); [Kathy Purvis](#)
Subject: OXY - Covington A Federal #9 CTB - Remediation Plan
Date: Saturday, November 5, 2016 7:08:51 PM
Attachments: [Remediation Packet. Covington A Federal #9 CTB.pdf](#)

Kristen,

This e-mail is to confirm our discussion concerning the remediation plan for the OXY Covington A Federal #9 CTB release. I have attached the information packet that we used in our discussion with a cover page describing the remediation plan that we agreed upon.

If you would please reply back via e-mail with your concurrence on this plan, it would be greatly appreciated.

Thanks, Cliff

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



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From: Cliff Brunson
To: [Shelly Tucker](#)
Cc: [Casey Summers](#); jennifer_duarte@oxy.com; [Ken Swinney](#); [Jennifer Gilkey](#); [Kathy Purvis](#)
Subject: OXY - Covington A Federal #9 CTB - Remediation Plan
Date: Saturday, November 5, 2016 7:09:15 PM
Attachments: [Remediation Packet. Covington A Federal #9 CTB.pdf](#)

Shelly,

I have attached a remediation plan for the Oxy Covington A Federal #9 CTB release. This plan has been approved by Kristen Lynch of the NMOCD. Oxy is requesting the BLM's approval of this plan as well. Upon your review of the materials, it would be appreciated if you would respond via email with the BLM's approval.

If you have any questions, please let me know.

Thanks, Cliff

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



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From: Tucker, Shelly
To: [Cliff Brunson](#)
Cc: [Casey Summers](#); jennifer_duarte@oxy.com; [Ken Swinney](#); [Jennifer Gilkey](#); [Kathy Purvis](#)
Subject: Re: OXY - Covington A Federal #9 CTB - Remediation Plan
Date: Monday, November 7, 2016 8:59:11 AM

BLM concurs with NMOCD approval.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Shelly J Tucker

Environmental Protection Specialist
O&G Spill/Release Coordinator

Bureau of Land Management
620 E. Greene St
Carlsbad, NM 88220

575.234.5905 - Direct
575.361.0084 - Cellular
575.234.6235 - Emergency Spill Number

stucker@blm.gov

The **BLM acceptance/approval does not** relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.

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On Sat, Nov 5, 2016 at 7:06 PM, Cliff Brunson <cbrunson@bbcinternational.com> wrote:

Shelly,

I have attached a remediation plan for the Oxy Covington A Federal #9 CTB release. This plan has been approved by Kristen Lynch of the NMOCD. Oxy is requesting the BLM's

approval of this plan as well. Upon your review of the materials, it would be appreciated if you would respond via email with the BLM's approval.

If you have any questions, please let me know.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS

President

BBC International, Inc.

World-Wide Environmental Specialists

Mailing Address:

P. O. Box 805

Hobbs, NM 88241-0805 USA

Shipping Address:

1324 W. Marland St.

Hobbs, NM 88240 USA

Phone: (575) 397-6388

Fax: (575) 397-0397

E-Mail: cbrunson@bbcinternational.com



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