

# Closure Report

## Site Description

Site Name:	Monument 1 State #015 <b>1RP-5093</b>
Company:	Chevron USA Inc.
Legal Description:	U/L F, Section 12, T19S, R36E
County:	Lea County, NM
GPS Coordinates:	N 32.67695 W-103.30913

## Release Data

Date of Release:	5/31/18
Type of Release:	Oil and Produced water
Source of Release:	Compromised poly flow line
Volume of Release:	0.77 bbls oil, 30.51 bbls produced water
Volume Recovered:	0.4 bbls oil, 3 bbls produced water

## Remediation Specifications

Remediation Parameters:	Excavate the entire leak area to a depth of 1.5 feet. Obtain confirmation bottom and sidewall samples. Backfill the site with clean soil.	
Remediation Activities:	2/13/19 to 3/20/19	
Plan Sent to OCD:	8/17/18	Email from Cliff Brunson to Christina Hernandez
OCD Approval of Plan:	8/30/18	Email from Christina Hernandez to Cliff Brunson
Plan Sent to SLO:	8/17/18	Email from Cliff Brunson to Ryan Mann
SLO Approval of Plan:	8/28/18	Email from Ryan Mann to Cliff Brunson

## Supporting Documentation

Initial C-141	Signed 6/12/18
C-141, page 6	Signed 3/25/19
Site Diagram	March 2019
Pictures	Remediation pictures prior to and after backfill

## Request for Closure

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

Cliff Brunson, President, BBC International, Inc.

03/27/2019

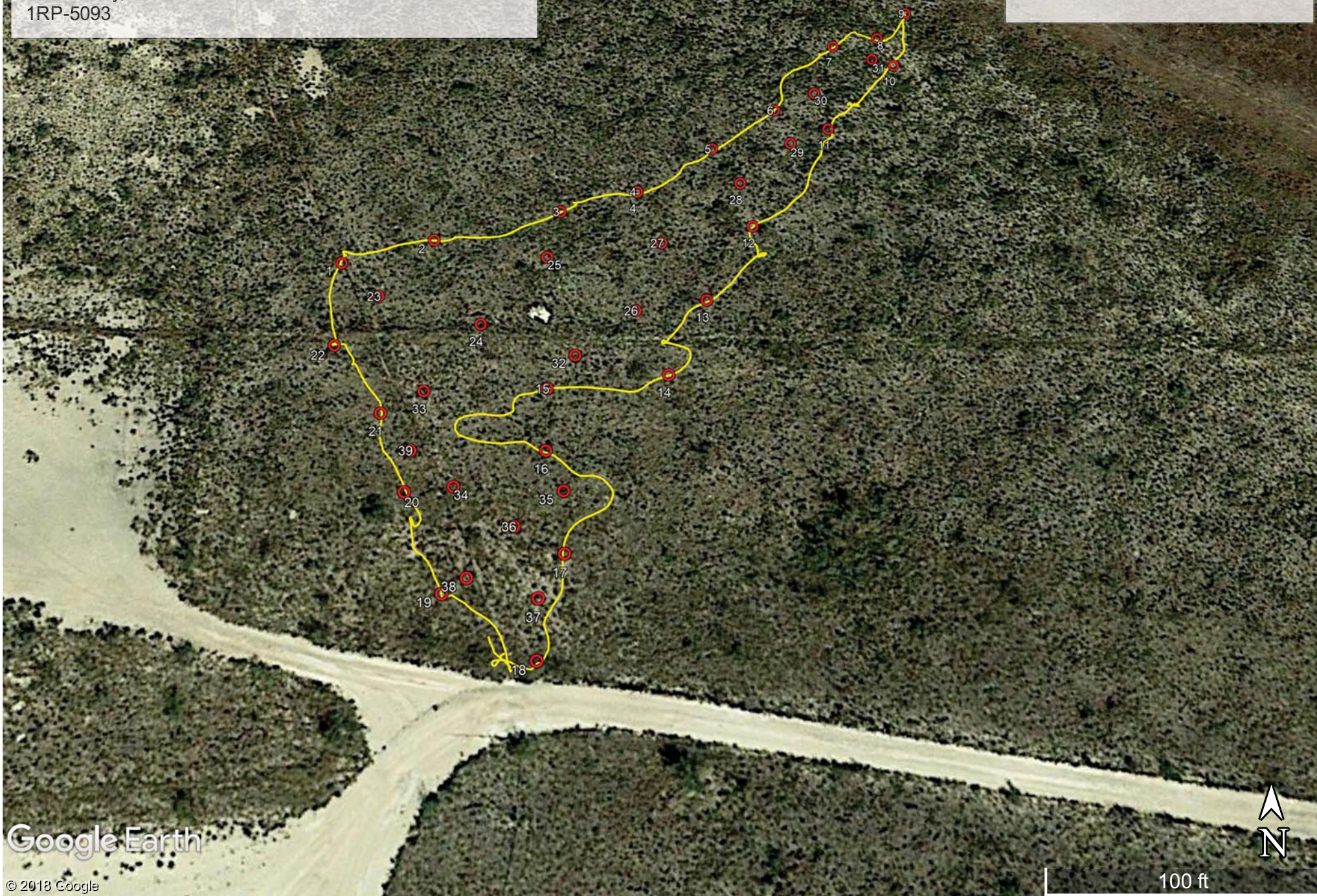


# Chevron, Monument 1 State #015

Leak date: 5/31/18  
Lea County, NM  
1RP-5093

## Legend

- Confirmation sample points
- Leak Area





## Chevron, Monument 1 State #015

### Confirmation sample points

SIDEWALL 1, N 32.67704 W-103.30933  
SIDEWALL 2, N 32.67707 W-103.30920  
SIDEWALL 3, N 32.67712 W-103.30902  
SIDEWALL 4, N 32.67715 W-103.30890  
SIDEWALL 5, N 32.67721 W-103.30879  
SIDEWALL 6, N 32.67728 W-103.30870  
SIDEWALL 7, N 32.67739 W-103.30860  
SIDEWALL 8, N 32.67740 W-103.30853  
SIDEWALL 9, N 32.67745 W-103.30848  
SIDEWALL 10, N 32.67736 W-103.30851  
SIDEWALL 11, N 32.67725 W-103.30862  
SIDEWALL 12, N 32.67710 W-103.30874  
SIDEWALL 13, N 32.67699 W-103.30880  
SIDEWALL 14, N 32.67689 W-103.30886  
SIDEWALL 15, N 32.67687 W-103.30903  
SIDEWALL 16, N 32.67679 W-103.30902  
SIDEWALL 17, N 32.67667 W-103.30899  
SIDEWALL 18, N 32.67655 W-103.30903  
SIDEWALL 19, N 32.67662 W-103.30915  
SIDEWALL 20, N 32.67674 W-103.30921  
SIDEWALL 21, N 32.67684 W-103.30925  
SIDEWALL 22, N 32.67693 W-103.30933

BOTTOM 23, N 32.67699 W-103.30927  
BOTTOM 24, N 32.67695 W-103.30912  
BOTTOM 25, N 32.67705 W-103.30903  
BOTTOM 26, N 32.67698 W-103.30891  
BOTTOM 27, N 32.67707 W-103.30887  
BOTTOM 28, N 32.67716 W-103.30875  
BOTTOM 29, N 32.67722 W-103.30867  
BOTTOM 30, N 32.67730 W-103.30863  
BOTTOM 31, N 32.67736 W-103.30854  
BOTTOM 32, N 32.67691 W-103.30899  
BOTTOM 33, N 32.67687 W-103.30920  
BOTTOM 34, N 32.67675 W-103.30915  
BOTTOM 35, N 32.67674 W-103.30900  
BOTTOM 36, N 32.67670 W-103.30906  
BOTTOM 37, N 32.67662 W-103.30903  
BOTTOM 38, N 32.67664 W-103.30912  
BOTTOM 39, N 32.67679 W-103.30921









Laboratory Analytical Results Summary  
**Monument 1 State #015 (5/31/18)**

		Sample ID	BOTTOM 33
Analyte	Method	Date	3/6/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		48
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	BOTTOM 34
Analyte	Method	Date	3/6/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		32
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

		Sample ID	BOTTOM 35
Analyte	Method	Date	3/6/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		64
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0



March 13, 2019

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MONUMENT 1 STATE #015

Enclosed are the results of analyses for samples received by the laboratory on 03/07/19 17:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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](http://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: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 1 (H900943-01)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2019	ND	2.09	104	2.00	0.719	
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212	
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197	
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526	
Total BTEX	<0.300	0.300	03/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/12/2019	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	193	96.6	200	6.39	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	207	103	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 81.6 % 41-142

Surrogate: 1-Chlorooctadecane 89.3 % 37.6-147

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 2 (H900943-02)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2019	ND	2.09	104	2.00	0.719	
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212	
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197	
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526	
Total BTEx	<0.300	0.300	03/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/12/2019	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	193	96.6	200	6.39	
DRO >C10-C28*	11.7	10.0	03/08/2019	ND	207	103	200	6.21	
EXT DRO >C28-C36	26.3	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 85.4 % 41-142

Surrogate: 1-Chlorooctadecane 93.8 % 37.6-147

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 3 (H900943-03)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2019	ND	2.09	104	2.00	0.719	
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212	
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197	
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526	
Total BTEx	<0.300	0.300	03/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	03/12/2019	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	193	96.6	200	6.39	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	207	103	200	6.21	
EXT DRO >C28-C36	29.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 87.2 % 41-142

Surrogate: 1-Chlorooctadecane 96.0 % 37.6-147

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

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 4 (H900943-04)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2019	ND	2.09	104	2.00	0.719	
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212	
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197	
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526	
Total BTEx	<0.300	0.300	03/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/12/2019	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	193	96.6	200	6.39	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	207	103	200	6.21	
EXT DRO >C28-C36	11.4	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 82.2 % 41-142

Surrogate: 1-Chlorooctadecane 89.4 % 37.6-147

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Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 5 (H900943-05)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2019	ND	2.09	104	2.00	0.719	
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212	
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197	
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526	
Total BTEx	<0.300	0.300	03/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/12/2019	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	193	96.6	200	6.39	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	207	103	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 80.0 % 41-142

Surrogate: 1-Chlorooctadecane 87.4 % 37.6-147

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Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 6 (H900943-06)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2019	ND	2.09	104	2.00	0.719	
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212	
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197	
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526	
Total BTEx	<0.300	0.300	03/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/12/2019	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	193	96.6	200	6.39	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	207	103	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 82.0 % 41-142

Surrogate: 1-Chlorooctadecane 89.8 % 37.6-147

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Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 7 (H900943-07)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2019	ND	2.09	104	2.00	0.719	
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212	
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197	
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526	
Total BTEx	<0.300	0.300	03/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/12/2019	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	193	96.6	200	6.39	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	207	103	200	6.21	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 92.4 % 41-142

Surrogate: 1-Chlorooctadecane 90.7 % 37.6-147

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 8 (H900943-08)**

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	03/08/2019	ND	2.09	104	2.00	0.719	
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212	
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197	
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526	
Total BTEx	<0.300	0.300	03/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/12/2019	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	180	89.8	200	5.64	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	177	88.3	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 98.2 % 41-142

Surrogate: 1-Chlorooctadecane 97.9 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

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

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 9 (H900943-09)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2019	ND	2.09	104	2.00	0.719	
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212	
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197	
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526	
Total BTEx	<0.300	0.300	03/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/12/2019	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 98.7 % 41-142

Surrogate: 1-Chlorooctadecane 101 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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Cliff Brunson  
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Fax To: (575) 397-0397

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 10 (H900943-10)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2019	ND	2.09	104	2.00	0.719	
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212	
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197	
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526	
Total BTEx	<0.300	0.300	03/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/12/2019	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 97.5 % 41-142

Surrogate: 1-Chlorooctadecane 99.0 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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Fax To: (575) 397-0397

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 11 (H900943-11)**

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	03/08/2019	ND	2.09	104	2.00	0.719		
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212		
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197		
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526		
Total BTEx	<0.300	0.300	03/08/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/12/2019	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/09/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/09/2019	ND					

Surrogate: 1-Chlorooctane 98.0 % 41-142

Surrogate: 1-Chlorooctadecane 97.7 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

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Fax To: (575) 397-0397

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 12 (H900943-12)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2019	ND	2.09	104	2.00	0.719	
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212	
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197	
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526	
Total BTEx	<0.300	0.300	03/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/12/2019	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 82.4 % 41-142

Surrogate: 1-Chlorooctadecane 88.7 % 37.6-147

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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: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 13 (H900943-13)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2019	ND	2.09	104	2.00	0.719	
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212	
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197	
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526	
Total BTEx	<0.300	0.300	03/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/12/2019	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 93.9 % 41-142

Surrogate: 1-Chlorooctadecane 94.0 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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Fax To: (575) 397-0397

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 14 (H900943-14)**

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	03/08/2019	ND	2.09	104	2.00	0.719	
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212	
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197	
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526	
Total BTEx	<0.300	0.300	03/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/12/2019	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 99.9 % 41-142

Surrogate: 1-Chlorooctadecane 99.3 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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Fax To: (575) 397-0397

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 15 (H900943-15)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2019	ND	2.09	104	2.00	0.719	
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212	
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197	
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526	
Total BTEx	<0.300	0.300	03/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/12/2019	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 92.5 % 41-142

Surrogate: 1-Chlorooctadecane 91.2 % 37.6-147

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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: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 16 (H900943-16)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2019	ND	2.09	104	2.00	0.719	
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212	
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197	
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526	
Total BTEx	<0.300	0.300	03/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/12/2019	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 96.1 % 41-142

Surrogate: 1-Chlorooctadecane 95.3 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 17 (H900943-17)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2019	ND	2.09	104	2.00	0.719	
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212	
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197	
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526	
Total BTEx	<0.300	0.300	03/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/12/2019	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 92.0 % 41-142

Surrogate: 1-Chlorooctadecane 92.3 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

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Fax To: (575) 397-0397

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 18 (H900943-18)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2019	ND	2.09	104	2.00	0.719	
Toluene*	<0.050	0.050	03/08/2019	ND	1.95	97.7	2.00	0.212	
Ethylbenzene*	<0.050	0.050	03/08/2019	ND	2.04	102	2.00	0.197	
Total Xylenes*	<0.150	0.150	03/08/2019	ND	6.25	104	6.00	0.526	
Total BTEx	<0.300	0.300	03/08/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/12/2019	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 87.2 % 41-142

Surrogate: 1-Chlorooctadecane 86.7 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

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

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 19 (H900943-19)**

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	03/09/2019	ND	2.05	103	2.00	0.743	
Toluene*	<0.050	0.050	03/09/2019	ND	1.89	94.6	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/09/2019	ND	1.97	98.5	2.00	3.55	
Total Xylenes*	<0.150	0.150	03/09/2019	ND	5.98	99.7	6.00	3.67	
Total BTX	<0.300	0.300	03/09/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/12/2019	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 99.1 % 41-142

Surrogate: 1-Chlorooctadecane 98.0 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Fax To: (575) 397-0397

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 20 (H900943-20)**

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	03/09/2019	ND	2.05	103	2.00	0.743	
Toluene*	<0.050	0.050	03/09/2019	ND	1.89	94.6	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/09/2019	ND	1.97	98.5	2.00	3.55	
Total Xylenes*	<0.150	0.150	03/09/2019	ND	5.98	99.7	6.00	3.67	
Total BTEx	<0.300	0.300	03/09/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/12/2019	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 92.9 % 41-142

Surrogate: 1-Chlorooctadecane 92.8 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

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

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 21 (H900943-21)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2019	ND	2.05	103	2.00	0.743	
Toluene*	<0.050	0.050	03/09/2019	ND	1.89	94.6	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/09/2019	ND	1.97	98.5	2.00	3.55	
Total Xylenes*	<0.150	0.150	03/09/2019	ND	5.98	99.7	6.00	3.67	
Total BTEx	<0.300	0.300	03/09/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/12/2019	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 87.9 % 41-142

Surrogate: 1-Chlorooctadecane 85.8 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

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

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 22 (H900943-22)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2019	ND	2.05	103	2.00	0.743	
Toluene*	<0.050	0.050	03/09/2019	ND	1.89	94.6	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/09/2019	ND	1.97	98.5	2.00	3.55	
Total Xylenes*	<0.150	0.150	03/09/2019	ND	5.98	99.7	6.00	3.67	
Total BTEx	<0.300	0.300	03/09/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/12/2019	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 104 % 41-142

Surrogate: 1-Chlorooctadecane 103 % 37.6-147

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Fax To: (575) 397-0397

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM 23 (H900943-23)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/09/2019	ND	2.05	103	2.00	0.743		
Toluene*	<0.050	0.050	03/09/2019	ND	1.89	94.6	2.00	2.23		
Ethylbenzene*	<0.050	0.050	03/09/2019	ND	1.97	98.5	2.00	3.55		
Total Xylenes*	<0.150	0.150	03/09/2019	ND	5.98	99.7	6.00	3.67		
Total BTEx	<0.300	0.300	03/09/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/12/2019	ND	464	116	400	3.51	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 97.4 % 41-142

Surrogate: 1-Chlorooctadecane 96.3 % 37.6-147

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Fax To: (575) 397-0397

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM 24 (H900943-24)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2019	ND	2.05	103	2.00	0.743	
Toluene*	<0.050	0.050	03/09/2019	ND	1.89	94.6	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/09/2019	ND	1.97	98.5	2.00	3.55	
Total Xylenes*	<0.150	0.150	03/09/2019	ND	5.98	99.7	6.00	3.67	
Total BTEx	<0.300	0.300	03/09/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/12/2019	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/08/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/08/2019	ND					

Surrogate: 1-Chlorooctane 96.7 % 41-142

Surrogate: 1-Chlorooctadecane 95.4 % 37.6-147

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

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

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM 25 (H900943-25)**

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	03/09/2019	ND	2.05	103	2.00	0.743	
Toluene*	<0.050	0.050	03/09/2019	ND	1.89	94.6	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/09/2019	ND	1.97	98.5	2.00	3.55	
Total Xylenes*	<0.150	0.150	03/09/2019	ND	5.98	99.7	6.00	3.67	
Total BTEx	<0.300	0.300	03/09/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/12/2019	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/09/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/09/2019	ND					

Surrogate: 1-Chlorooctane 92.0 % 41-142

Surrogate: 1-Chlorooctadecane 90.5 % 37.6-147

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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: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM 26 (H900943-26)**

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	03/09/2019	ND	2.05	103	2.00	0.743	
Toluene*	<0.050	0.050	03/09/2019	ND	1.89	94.6	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/09/2019	ND	1.97	98.5	2.00	3.55	
Total Xylenes*	<0.150	0.150	03/09/2019	ND	5.98	99.7	6.00	3.67	
Total BTX	<0.300	0.300	03/09/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/12/2019	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/09/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/09/2019	ND					

Surrogate: 1-Chlorooctane 91.5 % 41-142

Surrogate: 1-Chlorooctadecane 90.6 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

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

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM 27 (H900943-27)**

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	03/09/2019	ND	2.05	103	2.00	0.743		
Toluene*	<0.050	0.050	03/09/2019	ND	1.89	94.6	2.00	2.23		
Ethylbenzene*	<0.050	0.050	03/09/2019	ND	1.97	98.5	2.00	3.55		
Total Xylenes*	<0.150	0.150	03/09/2019	ND	5.98	99.7	6.00	3.67		
Total BTEx	<0.300	0.300	03/09/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/12/2019	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/09/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/09/2019	ND					

Surrogate: 1-Chlorooctane 101 % 41-142

Surrogate: 1-Chlorooctadecane 101 % 37.6-147

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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: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM 28 (H900943-28)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/09/2019	ND	2.05	103	2.00	0.743		
Toluene*	<0.050	0.050	03/09/2019	ND	1.89	94.6	2.00	2.23		
Ethylbenzene*	<0.050	0.050	03/09/2019	ND	1.97	98.5	2.00	3.55		
Total Xylenes*	<0.150	0.150	03/09/2019	ND	5.98	99.7	6.00	3.67		
Total BTEx	<0.300	0.300	03/09/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/12/2019	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2019	ND	192	95.8	200	3.42	
DRO >C10-C28*	<10.0	10.0	03/09/2019	ND	191	95.6	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	03/09/2019	ND					

Surrogate: 1-Chlorooctane 96.2 % 41-142

Surrogate: 1-Chlorooctadecane 95.6 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM 29 (H900943-29)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2019	ND	2.05	103	2.00	0.743	
Toluene*	<0.050	0.050	03/09/2019	ND	1.89	94.6	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/09/2019	ND	1.97	98.5	2.00	3.55	
Total Xylenes*	<0.150	0.150	03/09/2019	ND	5.98	99.7	6.00	3.67	
Total BTEX	<0.300	0.300	03/09/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/12/2019	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2019	ND	180	89.8	200	5.64	
DRO >C10-C28*	<10.0	10.0	03/09/2019	ND	177	88.3	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/09/2019	ND					

Surrogate: 1-Chlorooctane 96.3 % 41-142

Surrogate: 1-Chlorooctadecane 96.5 % 37.6-147

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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: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM 30 (H900943-30)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2019	ND	2.05	103	2.00	0.743	
Toluene*	<0.050	0.050	03/09/2019	ND	1.89	94.6	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/09/2019	ND	1.97	98.5	2.00	3.55	
Total Xylenes*	<0.150	0.150	03/09/2019	ND	5.98	99.7	6.00	3.67	
Total BTEx	<0.300	0.300	03/09/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/12/2019	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2019	ND	180	89.8	200	5.64	
DRO >C10-C28*	<10.0	10.0	03/09/2019	ND	177	88.3	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/09/2019	ND					

Surrogate: 1-Chlorooctane 87.4 % 41-142

Surrogate: 1-Chlorooctadecane 89.1 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

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

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM 31 (H900943-31)**

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	03/09/2019	ND	2.05	103	2.00	0.743	
Toluene*	<0.050	0.050	03/09/2019	ND	1.89	94.6	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/09/2019	ND	1.97	98.5	2.00	3.55	
Total Xylenes*	<0.150	0.150	03/09/2019	ND	5.98	99.7	6.00	3.67	
Total BTX	<0.300	0.300	03/09/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/12/2019	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2019	ND	180	89.8	200	5.64	
DRO >C10-C28*	<10.0	10.0	03/09/2019	ND	177	88.3	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/09/2019	ND					

Surrogate: 1-Chlorooctane 87.5 % 41-142

Surrogate: 1-Chlorooctadecane 87.4 % 37.6-147

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

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM 32 (H900943-32)**

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	03/09/2019	ND	2.05	103	2.00	0.743	
Toluene*	<0.050	0.050	03/09/2019	ND	1.89	94.6	2.00	2.23	
Ethylbenzene*	<0.050	0.050	03/09/2019	ND	1.97	98.5	2.00	3.55	
Total Xylenes*	<0.150	0.150	03/09/2019	ND	5.98	99.7	6.00	3.67	
Total BTEx	<0.300	0.300	03/09/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/12/2019	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2019	ND	180	89.8	200	5.64	
DRO >C10-C28*	<10.0	10.0	03/09/2019	ND	177	88.3	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/09/2019	ND					

Surrogate: 1-Chlorooctane 97.7 % 41-142

Surrogate: 1-Chlorooctadecane 97.3 % 37.6-147

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

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM 33 (H900943-33)**

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	03/09/2019	ND	2.05	103	2.00	0.743		
Toluene*	<0.050	0.050	03/09/2019	ND	1.89	94.6	2.00	2.23		
Ethylbenzene*	<0.050	0.050	03/09/2019	ND	1.97	98.5	2.00	3.55		
Total Xylenes*	<0.150	0.150	03/09/2019	ND	5.98	99.7	6.00	3.67		
Total BTEx	<0.300	0.300	03/09/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/12/2019	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2019	ND	180	89.8	200	5.64	
DRO >C10-C28*	<10.0	10.0	03/09/2019	ND	177	88.3	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/09/2019	ND					

Surrogate: 1-Chlorooctane 92.8 % 41-142

Surrogate: 1-Chlorooctadecane 94.1 % 37.6-147

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM 34 (H900943-34)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/09/2019	ND	2.05	103	2.00	0.743		
Toluene*	<0.050	0.050	03/09/2019	ND	1.89	94.6	2.00	2.23		
Ethylbenzene*	<0.050	0.050	03/09/2019	ND	1.97	98.5	2.00	3.55		
Total Xylenes*	<0.150	0.150	03/09/2019	ND	5.98	99.7	6.00	3.67		
Total BTEx	<0.300	0.300	03/09/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/12/2019	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2019	ND	180	89.8	200	5.64	
DRO >C10-C28*	<10.0	10.0	03/09/2019	ND	177	88.3	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/09/2019	ND					

Surrogate: 1-Chlorooctane 86.3 % 41-142

Surrogate: 1-Chlorooctadecane 94.0 % 37.6-147

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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: 03/07/2019  
Reported: 03/13/2019  
Project Name: MONUMENT 1 STATE #015  
Project Number: ( 5/31/18 )  
Project Location: CHEVRON - LEA CO NM

Sampling Date: 03/06/2019  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM 35 (H900943-35)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/09/2019	ND	2.05	103	2.00	0.743		
Toluene*	<0.050	0.050	03/09/2019	ND	1.89	94.6	2.00	2.23		
Ethylbenzene*	<0.050	0.050	03/09/2019	ND	1.97	98.5	2.00	3.55		
Total Xylenes*	<0.150	0.150	03/09/2019	ND	5.98	99.7	6.00	3.67		
Total BTEx	<0.300	0.300	03/09/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/12/2019	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2019	ND	180	89.8	200	5.64	
DRO >C10-C28*	<10.0	10.0	03/09/2019	ND	177	88.3	200	8.36	
EXT DRO >C28-C36	<10.0	10.0	03/09/2019	ND					

Surrogate: 1-Chlorooctane 93.4 % 41-142

Surrogate: 1-Chlorooctadecane 91.9 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



### Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



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[illegible]

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Relinquished By: <i>Price B. S.</i> Date: <i>3/6/19</i> Time: <i>5:00pm</i>		Received By: <i>Tamara [Signature]</i> Date: Time: 		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: REMARKS:	
Relinquished By: Date: Time: 		Received By: Date: Time: 			
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>- 2.2 c #97</i>		Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		CHECKED BY: (Initials) <i>yo.</i>	

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



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

[illegible]

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**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

3 of 4

Company Name: BBC International, Inc.				<b>BILL TO</b>												<b>ANALYSIS REQUEST</b>											
Project Manager: Cliff Brunson				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">1</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TX3-HLL</div> </div>																			
Address: P.O. Box 805				Company: BBC																							
City: Hobbs State: NM Zip: 88241				Attn: J. Gilkey																							
Phone #: 575-397-6388 Fax #: 575-397-0397				Address:																							
Project #: Project Owner:				City:																							
Project Name: Monument 1 State #015 (5/31/18)				State: Zip:																							
Project Location: LEA COUNTY, NM				Phone #:																							
Sampler Name: PRICE BRUNSON				Fax #:																							
FOR LAB USE ONLY																											
Lab I.D.		Sample I.D.		(GRAB OR (C)OMP. # CONTAINERS)		MATRIX		PRESERV.		SAMPLING																	
						GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :					
H900943																											
21		SIDEWALL 21		G																							
22		SIDEWALL 22																									
23		BOTTOM 23																									
24		BOTTOM 24																									
25		BOTTOM 25																									
26		BOTTOM 26																									
27		BOTTOM 27																									
28		BOTTOM 28																									
29		BOTTOM 29																									
30		BOTTOM 30																									

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Relinquished By: Price Brunson		Date: 3/6/19		Received By: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
		Time: 5:00pm				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS:			
		Time:							
Delivered By: (Circle One)				Sample Condition		CHECKED BY: (Initials)			
Sampler - UPS - Bus - Other: - 2.2c #97				Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		T.O.			

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**CARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

4084

Company Name: BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																
Project Manager: Cliff Brunson				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CI</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH/EXT</div> </div>																
Address: P.O. Box 805				Company: BBC																				
City: Hobbs State: NM Zip: 88241				Attn: J. Gilkey																				
Phone #: 575-397-6388 Fax #: 575-397-0397				Address:																				
Project #: Project Owner:				City:																				
Project Name: Monument 1 State #015 (5/31/18)				State: Zip:																				
Project Location: LEA COUNTY, NM				Phone #:																				
Sampler Name: PRICE BRUNSON				Fax #:																				
FOR LAB USE ONLY																								
Lab I.D.	Sample I.D.	GRAB OR (COMP. # CONTAINERS)	MATRIX				PRESERV.		SAMPLING															
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME											
H900943																								
31	BOTTOM 31											3/6/19	1:50 PM	✓	✓	✓								
32	BOTTOM 32											3/6/19	2:00 PM	✓	✓	✓								
33	BOTTOM 33											3/6/19	2:10 PM	✓	✓	✓								
34	BOTTOM 34											3/6/19	2:20 PM	✓	✓	✓								
35	BOTTOM 35											3/6/19	2:30 PM	✓	✓	✓								
KAP 5/7/19																								

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Relinquished By:	Date: 3/6/19	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
<i>Price Brunson</i>	Time: 5:00p	<i>Jamara L. Gilkey</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:	Cool Intact	(Initials)		
-2.2c H97	<input type="checkbox"/> Yes <input type="checkbox"/> No	J.O.		

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State of New Mexico  
Oil Conservation Division

Incident ID	
District RP	1RP-5093
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name: Amy Barnhill Title: Waste & Water Specialist

Signature:  Date: 3-25-19

email: abarnhill@chevron.com Telephone: (432) 687-7108

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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

Closure Approved by: Bradford Billings Date: 10/28/2019

Printed Name: Bradford Billings Title: E.Spec.A