

# Closure Report

## Incident #: nGRL0917357104

### Site Description

Site Name:	FEDERAL 27-1
Company:	Oxy USA, Inc.
Legal Description:	U/L O , S 27, T 22S ,R32
County:	LEA
GPS Coordinates:	N 32.212181 ,W-103.394922

### Release Data

Date of Release:	6/13/2009
Type of Release:	PRODUCED WATER
Source of Release:	WATER TRANSFER PUMP
Volume of Release:	270 BBLs
Volume Recovered:	170 BBLs

### Remediation Specifications

Remediation Parameters:	This site is listed on the Agreed Compliance Order of 4/5/19. This site had previously been remediated but no paperwork existed for verification therefore, OXY performed confirmation sampling to verify remediation limits had been met. The enclosed site diagram depicts the spill area, excavation depths, and the confirmation sample points. OXY collected sidewall and bottom confirmation samples every 200 square feet .	
Remediation Activities:		
Plan Sent to OCD:		
OCD Approval of Plan:		
Plan Sent to BLM:		
BLM Approval of Plan:		

### Supporting Documentation

C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Closure photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report for 10/13/22,10/14/22	
Notifications	9/27/22,9/28/2022	

### Request for Closure

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

Cliff P. Brunson  
President, BBC International, Inc.

11/10/2022

Form C-141

State of New Mexico  
Oil Conservation Division

Page 6

Incident ID	nGRL0917357104
District RP	
Facility ID	
Application ID	


## Closure

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator  
Signature:  Date: 10/26/22  
email: wade\_dittrich@oxy.com Telephone: (575) 390-2828

**OCD Only**

Received by: OCD Date: 11/11/2022

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

Closure Approved by: \_\_\_\_\_ Date: 2/03/2023

Printed Name: Ashley Maxwell Title: Environmental Specialist

**From:** [Cliff Brunson](#)  
**To:** ["Nobui, Jennifer, EMNRD"](#)  
**Cc:** ["Bratcher, Michael, EMNRD"](#); ["Hamlet, Robert, EMNRD"](#); ["Harimon, Jocelyn, EMNRD"](#); ["Wade Ditttrich"](#); ["Pierce, Tyson \(Legacy Safety & Consulting LLC\)"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); [Kathy Sweeney](#)  
**Subject:** RE: [EXTERNAL] OXY - Federal 27-1 - Sampling Notification  
**Date:** Wednesday, September 28, 2022 11:35:43 AM

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All,

Oxy will need to re-schedule this sampling event to Tuesday, October 4, 2022 at 9:00 am. I forgot that our sampling personnel will be on vacation Friday, 9/30 and Monday, 10/2. My apologies for this error.

In addition, we were not able to locate an Incident number for this spill event. All we have is the 1RP-2213. Would you please advise as to the proper Incident number?

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](mailto:cbrunson@bbcinternational.com)



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**From:** Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>  
**Sent:** Wednesday, September 28, 2022 8:25 AM  
**To:** Cliff Brunson <cbrunson@bbcinternational.com>  
**Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>  
**Subject:** FW: [EXTERNAL] OXY - Federal 27-1 - Sampling Notification

Cliff

Thank you for the notification. Please include a copy of this and all notifications in the remedial

and/or closure reports to ensure the notifications are documented in the project file.

Thanks,  
Jennifer Nobui

---

**From:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Sent:** Wednesday, September 28, 2022 8:08 AM  
**To:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>; Nobui, Jennifer, EMNRD <[Jennifer.Nobui@emnrd.nm.gov](mailto:Jennifer.Nobui@emnrd.nm.gov)>; Harimon, Jocelyn, EMNRD <[Jocelyn.Harimon@emnrd.nm.gov](mailto:Jocelyn.Harimon@emnrd.nm.gov)>; Hamlet, Robert, EMNRD <[Robert.Hamlet@emnrd.nm.gov](mailto:Robert.Hamlet@emnrd.nm.gov)>; Velez, Nelson, EMNRD <[Nelson.Velez@emnrd.nm.gov](mailto:Nelson.Velez@emnrd.nm.gov)>  
**Subject:** Fw: [EXTERNAL] OXY - Federal 27-1 - Sampling Notification

---

**From:** Cliff Brunson <[cbrunson@bbcinternational.com](mailto:cbrunson@bbcinternational.com)>  
**Sent:** Tuesday, September 27, 2022 7:08 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** 'Wade Dittrich' <[Wade\\_Dittrich@oxy.com](mailto:Wade_Dittrich@oxy.com)>; 'Pierce, Tyson (Legacy Safety & Consulting LLC)' <[Tyson\\_Pierce@oxy.com](mailto:Tyson_Pierce@oxy.com)>; 'Ken Swinney' <[kswinney@bbcinternational.com](mailto:kswinney@bbcinternational.com)>; 'Jennifer Gilkey' <[jgilkey@bbcinternational.com](mailto:jgilkey@bbcinternational.com)>; Kathy Sweeney <[kathys@bbcinternational.com](mailto:kathys@bbcinternational.com)>  
**Subject:** [EXTERNAL] OXY - Federal 27-1 - Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Federal 27-1 (6-13-09) (1RP-2213) on Friday, September 30, 2022 at 9:00 a.m.

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](mailto:cbrunson@bbcinternational.com)



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**OXY-FEDERAL 27-1**

LEAK DATE 06/13/2009  
ID # nGRL0917357104  
LEA, CO NM

**Legend**

- BOTTOM CONFIRMATION SAMPLE POINTS
- Leak Area
- 4' EXCAVATION
- ▲ SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

70 ft

OXY - FEDERAL # 27 1 (6/13/09) SAMPLE DATE 10/5/22,10/6/22

## BOTTOM SAMPLES

BS 1 @ 1',2',3',4'	N 32.35617	W-103.66384
BS 2 @ 1',2',3',4'	N 32.35616	W-103.66380
BS 3 @ 1',2',3',4'	N 32.35616	W-103.66373
BS 4 @ 1',2',3',4'	N 32.35613	W-103.66383
BS 5 @ 1',2',3',4'	N 32.35613	W-103.66380
BS 6 @ 1',2',3',4'	N 32.35612	W-103.66375
BS 7 @ 1',2',3',4'	N 32.35605	W-103.66380
BS 8 @ 1',2',3',4'	N 32.35606	W-103.66378
BS 9 @ 1',2',3',4'	N 32.35605	W-103.66371
BS 10 @ 1',2',3',4'	N 32.35599	W-103.66375
BS 11 @ 1',2',3',4'	N 32.35601	W-103.66371
BS 12 @ 1',2',3',4'	N 32.35595	W-103.66375
BS 13 @ 1',2',3',4'	N 32.35595	W-103.66370
BS 14 @ 1',2',3',4'	N 32.35596	W-103.66367
BS 15 @ 1',2',3',4'	N 32.35593	W-103.66375
BS 16 @ 1',2',3',4'	N 32.35594	W-103.66368
BS 17 @ 1',2',3',4'	N 32.35594	W-103.66366
BS 18 @ 1',2',3',4'	N 32.35588	W-103.66394
BS 19 @ 1',2',3',4'	N 32.35589	W-103.66370
BS 20 @ 1',2',3',4'	N 32.35591	W-103.66362
BS 21 @ 1',2',3',4'	N 32.35585	W-103.66372
BS 22 @ 1',2',3',4'	N 32.35588	W-103.66366
BS 23 @ 1',2',3',4'	N 32.35586	W-103.66357
BS 24 @ 1',2',3',4'	N 32.35583	W-103.66353
BS 25 @ 1',2',3',4'	N 32.35583	W-103.66352
BS 26 @ 1',2',3',4'	N 32.35582	W-103.66350
BS 27 @ 1',2',3',4'	N 32.35580	W-103.66366
BS 28 @ 1',2',3',4'	N 32.35579	W-103.66366

## SIDEWALL SAMPLES

SW 1	N 32.35617	W-103.66387
SW 2	N 32.35618	W-103.66384
SW 3	N 32.35616	W-103.66379
SW 4	N 32.35616	W-103.66370
SW 5	N 32.35595	W-103.66361
SW 6	N 32.35587	W-103.66352
SW 7	N 32.35578	W-103.66360
SW 8	N 32.35580	W-103.66373
SW 9	N 32.35590	W-103.66377
SW 10	N 32.35602	W-103.66383

[illegible][illegible][illegible]

[illegible][illegible][illegible]

	Sample ID	BS 28@1'	BS 28@2'	BS 28@3'	BS 28@4'
Analyte	Date	10/6/22	10/6/22	10/6/22	10/6/22
		mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300
Chloride		16.0	<16.0	16.0	32.0
GRO		<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8	SW 9	SW 10
Analyte	Date	10/6/22	10/6/22	10/6/22	10/6/22	10/6/22	10/6/22	10/6/22	10/6/22	10/6/22	10/6/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	0.066	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		16.0	16.0	16.0	16.0	16.0	16.0	32.0	16.0	16.0	16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0



OXY – Federal 27-1 (6-13-09)





OXY – Federal 27-1 (6-13-09)





OXY – Federal 27-1 (6-13-09)





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

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October 13, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: FEDERAL 27 - 1 (6-13-09)

Enclosed are the results of analyses for samples received by the laboratory on 10/07/22 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 26 @ 1' (H224737-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	3.30		
Toluene*	<0.050	0.050	10/13/2022	ND	1.98	99.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	97.9	2.00	3.61		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.97	99.5	6.00	4.07		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77	

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 119 % 45.3-161

Surrogate: 1-Chlorooctadecane 144 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 26 @ 2' (H224737-02)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	3.30		
Toluene*	<0.050	0.050	10/13/2022	ND	1.98	99.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	97.9	2.00	3.61		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.97	99.5	6.00	4.07		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 115 % 45.3-161

Surrogate: 1-Chlorooctadecane 137 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 10/07/2022  
 Reported: 10/13/2022  
 Project Name: FEDERAL 27 - 1 (6-13-09)  
 Project Number: NOT GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 26 @ 3' (H224737-03)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 137 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 26 @ 4' (H224737-04)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69	

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 121 % 45.3-161

Surrogate: 1-Chlorooctadecane 145 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 27 @ 1' (H224737-05)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69	

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 118 % 45.3-161

Surrogate: 1-Chlorooctadecane 142 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 27 @ 2' (H224737-06)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69	

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 120 % 45.3-161

Surrogate: 1-Chlorooctadecane 146 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 27 @ 3' (H224737-07)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94	QM-07	
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69	

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 134 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 27 @ 4' (H224737-08)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69		

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 119 % 45.3-161

Surrogate: 1-Chlorooctadecane 142 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 28 @ 1' (H224737-09)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69		

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 137 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 28 @ 2' (H224737-10)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69		

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 82.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 28 @ 3' (H224737-11)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69	

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	10/12/2022	ND	223	111	200	0.626	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	231	115	200	0.491	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 78.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 28 @ 4' (H224737-12)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69		

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	10/12/2022	ND	223	111	200	0.626	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	231	115	200	0.491	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 82.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.8 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: SIDEWALL 1 (H224737-13)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69		

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	10/12/2022	ND	223	111	200	0.626	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	231	115	200	0.491	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 79.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: SIDEWALL 2 (H224737-14)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69		

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	10/12/2022	ND	223	111	200	0.626	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	231	115	200	0.491	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 84.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: SIDEWALL 3 (H224737-15)**

BTX 8021B			mg/kg							
			Analyzed By: JH/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69		

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	10/12/2022	ND	223	111	200	0.626		
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	231	115	200	0.491		
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND						

Surrogate: 1-Chlorooctane 88.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: SIDEWALL 4 (H224737-16)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69	

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	10/12/2022	ND	223	111	200	0.626	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	231	115	200	0.491	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 81.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: SIDEWALL 5 (H224737-17)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69		

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	10/12/2022	ND	223	111	200	0.626	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	231	115	200	0.491	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 86.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: SIDEWALL 6 (H224737-18)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69		

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	10/12/2022	ND	223	111	200	0.626	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	231	115	200	0.491	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 77.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: SIDEWALL 7 (H224737-19)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69		

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	10/12/2022	ND	223	111	200	0.626	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	231	115	200	0.491	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 87.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: SIDEWALL 8 (H224737-20)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69		

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	10/12/2022	ND	223	111	200	0.626	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	231	115	200	0.491	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 81.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.8 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: SIDEWALL 9 (H224737-21)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69	

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	10/12/2022	ND	223	111	200	0.626	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	231	115	200	0.491	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 77.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: SIDEWALL 10 (H224737-22)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.96	98.2	2.00	7.94		
Toluene*	<0.050	0.050	10/13/2022	ND	1.97	98.7	2.00	7.14		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	7.55		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.98	99.7	6.00	7.29		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69		

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	10/12/2022	ND	223	111	200	0.626	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	231	115	200	0.491	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 73.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 23 @ 2' (H224737-23)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.4	2.00	4.46		
Toluene*	<0.050	0.050	10/12/2022	ND	2.11	106	2.00	5.01		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.92	95.9	2.00	2.37		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.77	96.1	6.00	3.48		
Total BTEx	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

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	10/12/2022	ND	432	108	400	7.69	

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	10/12/2022	ND	223	111	200	0.626	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	231	115	200	0.491	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 84.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 23 @ 3' (H224737-24)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.4	2.00	4.46		
Toluene*	<0.050	0.050	10/12/2022	ND	2.11	106	2.00	5.01		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.92	95.9	2.00	2.37		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.77	96.1	6.00	3.48		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

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	10/12/2022	ND	432	108	400	0.00	

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	10/12/2022	ND	223	111	200	0.626	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	231	115	200	0.491	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 23 @ 4' (H224737-25)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.4	2.00	4.46		
Toluene*	<0.050	0.050	10/12/2022	ND	2.11	106	2.00	5.01		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.92	95.9	2.00	2.37		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.77	96.1	6.00	3.48		
Total BTEX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

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	10/12/2022	ND	432	108	400	0.00		

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	10/12/2022	ND	223	111	200	0.626	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	231	115	200	0.491	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 86.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 24 @ 1' (H224737-26)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.4	2.00	4.46		
Toluene*	<0.050	0.050	10/12/2022	ND	2.11	106	2.00	5.01		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.92	95.9	2.00	2.37		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.77	96.1	6.00	3.48		
Total BTEx	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

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	10/12/2022	ND	432	108	400	0.00		

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	10/12/2022	ND	223	111	200	0.626	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	231	115	200	0.491	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 82.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



---

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### Notes and Definitions

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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager



**CARDINAL LABORATORIES**

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

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

Company Name: BBC International, Inc.				<b>BILL TO</b>				ANALYSIS REQUEST																																																															
Project Manager: Cliff Brunson				P.O. #:																																																																			
Address: P.O. Box 805				Company: Oxy																																																																			
City: Hobbs				Attn:																																																																			
Phone #: 575-397-6388				Address:																																																																			
Fax #: 575-397-0397				City:																																																																			
Project #: Project Owner: Oxy				State:																																																																			
Project Name: FEDERAL 27-1 (6-13-09)				Zip:																																																																			
Project Location: New Mexico				Phone #:																																																																			
Sampler Name: SIMON				Fax #:																																																																			
FOR LAB USE ONLY				MATRIX				PRESERV				SAMPLING																																																											
Lab I.D.				Sample I.D.				(G)RAB OR (C)OMP.				# CONTAINERS				GROUNDWATER				WASTEWATER				SOIL				OIL				SLUDGE				OTHER :				ACID/BASE:				ICE / COOL				OTHER :				DATE				TIME															
H2247371				1				BOTTOM SAMPLE 26 @ 1'				10/6/22				1:40PM				✓				Chloride				BT EX				TPH EXT																																							
2				BOTTOM SAMPLE 26 @ 2'				10/6/22				1:47PM				✓																																																							
3				BOTTOM SAMPLE 26 @ 3'				10/6/22				1:55PM				✓																																																							
4				BOTTOM SAMPLE 26 @ 4'				10/6/22				2:04PM				✓																																																							
5				BOTTOM SAMPLE 27 @ 1'				10/6/22				2:10PM				✓																																																							
6				BOTTOM SAMPLE 27 @ 2'				10/6/22				2:16PM				✓																																																							
7				BOTTOM SAMPLE 27 @ 3'				10/6/22				2:23PM				✓																																																							
8				BOTTOM SAMPLE 27 @ 4'				10/6/22				2:30PM				✓																																																							
9				BOTTOM SAMPLE 28 @ 1'				10/6/22				2:37PM				✓																																																							
10				BOTTOM SAMPLE 28 @ 2'				10/6/22				2:46PM				✓																																																							

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Relinquished By: *[Signature]* Date: 10-7-22 Time: 16:50 Received By: *[Signature]* Date: 10-7-22 Time: 16:50

Delivered By: (Circle One) ☒ UPS ☐ Bus ☐ Other: *11.06/-11.06* Sample Condition: ☒ Cool ☐ Intact ☐ Yes ☐ No ☐ Yes ☐ No CHECKED BY: *[Signature]* (Initials)

Sampler - UPS - Bus - Other: *11.06/-11.06* Phone Result: ☐ Yes ☐ No Add'l Phone #: *505-393-2476* Fax Result: ☐ Yes ☐ No Add'l Fax #: *505-393-2476*

REMARKS:



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:		BILL TO		ANALYSIS REQUEST																																	
Project Manager: Cliff Brunson		Company: Oxy																																					
Address: P.O. Box 805		Attn:																																					
City: Hobbs		State: NM		Zip: 88241																																			
Phone #: 575-397-6388		Fax #: 575-397-0397		Address:																																			
Project #:		Project Owner: Oxy		City:																																			
Project Name: FEDERAL 27-1 (6-13-09)		State:		Zip:																																			
Project Location: New Mexico		Phone #:																																					
Sampler Name: SIMON		Fax #:																																					
FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING																																	
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME											
H224737		BOTTOM SAMPLE 28 @ 3'		1		1		1		1		1		1		1		1		1		1		1		10/6/22		2:54PM		Chloride									
12		BOTTOM SAMPLE 28 @ 4'		1		1		1		1		1		1		1		1		1		1		1		10/6/22		3:00PM		BTEX									
13		SIDEWALL 1		1		1		1		1		1		1		1		1		1		1		1		10/6/22		3:08PM		TPH EXT									
14		SIDEWALL 2		1		1		1		1		1		1		1		1		1		1		1		10/6/22		3:14PM											
15		SIDEWALL 3		1		1		1		1		1		1		1		1		1		1		1		10/6/22		3:20PM											
16		SIDEWALL 4		1		1		1		1		1		1		1		1		1		1		1		10/6/22		3:25PM											
17		SIDEWALL 5		1		1		1		1		1		1		1		1		1		1		1		10/6/22		3:30PM											
18		SIDEWALL 6		1		1		1		1		1		1		1		1		1		1		1		10/6/22		3:37PM											
19		SIDEWALL 7		1		1		1		1		1		1		1		1		1		1		1		10/6/22		3:45PM											
20		SIDE WALL 8		1		1		1		1		1		1		1		1		1		1		1		10/6/22		3:52PM											
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Relinquished By:		Date: 10-7-22		Time: 1:50		Received By:		Date: 11/13/22		Time: 11:06		Sample Condition		Cool		Intact		Checked BY: (Initials)		Phone Result:		Fax Result:		REMARKS:		Phone Result:		Fax Result:		Add'l Phone #:		Add'l Fax #:							
Relinquished By: [Signature]						Received By: [Signature]						Sample Condition		Cool		Intact		Checked BY: (Initials)		Phone Result:		Fax Result:		REMARKS:		Phone Result:		Fax Result:		Add'l Phone #:		Add'l Fax #:							
Delivered By: (Circle One)												Sample Condition		Cool		Intact		Checked BY: (Initials)		Phone Result:		Fax Result:		REMARKS:		Phone Result:		Fax Result:		Add'l Phone #:		Add'l Fax #:							
Sampler - UPS - Bus - Other:												Sample Condition		Cool		Intact		Checked BY: (Initials)		Phone Result:		Fax Result:		REMARKS:		Phone Result:		Fax Result:		Add'l Phone #:		Add'l Fax #:							
-11.06/-11.06												Sample Condition		Cool		Intact		Checked BY: (Initials)		Phone Result:		Fax Result:		REMARKS:		Phone Result:		Fax Result:		Add'l Phone #:		Add'l Fax #:							

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>									
Project Manager: Cliff Brunson		P.O. #:											
Address: P.O. Box 805		Company: Oxy											
City: Hobbs		Attn:											
Phone #: 575-397-6388		Address:											
Fax #: 575-397-0397		City:											
Project #: Project Owner: Oxy		State:											
Project Name: FEDERAL 27-1 (6-13-09)		Zip:											
Project Location: New Mexico		Phone #:											
Sampler Name: SIMON		Fax #:											
FOR LAB USE ONLY													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING	
				GROUNDWATER				WASTEWATER					
				SOIL				OIL					
				SLUDGE				OTHER :					
				ACID/BASE:				ICE / COOL					
				OTHER :									
H224737		SIDEWALL 9		10/6/22		3:59PM		✓		Chloride			
21		SIDEWALL 10		10/6/22		4:07PM		✓		BTX			
22		Bottom Sample 33E2'		10/6/22		1220		✓		TPH EXT			
		Bottom Sample 33E3'				1227		✓					
		Bottom Sample 33E4'				1235		✓					
		Bottom Sample 34E1'				1242		✓					
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Relinquished By:		Date: 10-7-22		Received By:		Date: 11-5-22		Time: 1:50		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Relinquished By:		Time:		Received By:		Time:		REMARKS:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Delivered By: (Circle One)		#113		Sample Condition		Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: (Initials)		YB	
Sampler - UPS - Bus - Other: -11.0°/-11.6°													

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



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

---

October 14, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: FEDERAL 27 - 1 (6-13-09)

Enclosed are the results of analyses for samples received by the laboratory on 10/07/22 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 1 @ 1' (H224736-01)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.4	2.00	4.46		
Toluene*	<0.050	0.050	10/12/2022	ND	2.11	106	2.00	5.01		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.92	95.9	2.00	2.37		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.77	96.1	6.00	3.48		
Total BTEX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

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	10/12/2022	ND	400	100	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	10/11/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 10/07/2022  
 Reported: 10/14/2022  
 Project Name: FEDERAL 27 - 1 (6-13-09)  
 Project Number: NOT GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/05/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 1 @ 2' (H224736-02)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	5.71		
Toluene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.94	97.0	2.00	4.71		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.80	96.6	6.00	4.63		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

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	10/12/2022	ND	400	100	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	10/11/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 1 @ 3' (H224736-03)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	5.71		
Toluene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.94	97.0	2.00	4.71		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.80	96.6	6.00	4.63		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	10/12/2022	ND	400	100	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	10/11/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 93.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 1 @ 4' (H224736-04)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	5.71		
Toluene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.94	97.0	2.00	4.71		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.80	96.6	6.00	4.63		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	10/12/2022	ND	400	100	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	10/11/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 2 @ 1' (H224736-05)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	5.71		
Toluene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.94	97.0	2.00	4.71		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.80	96.6	6.00	4.63		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

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	10/12/2022	ND	400	100	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	10/11/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 10/07/2022  
 Reported: 10/14/2022  
 Project Name: FEDERAL 27 - 1 (6-13-09)  
 Project Number: NOT GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/05/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 2 @ 2' (H224736-06)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	5.71		
Toluene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.94	97.0	2.00	4.71		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.80	96.6	6.00	4.63		
Total BTEx	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

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	10/12/2022	ND	400	100	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	10/11/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 10/07/2022  
 Reported: 10/14/2022  
 Project Name: FEDERAL 27 - 1 (6-13-09)  
 Project Number: NOT GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/05/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 2 @ 3' (H224736-07)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	5.71		
Toluene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.94	97.0	2.00	4.71		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.80	96.6	6.00	4.63		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/12/2022	ND	400	100	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	10/12/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 10/07/2022  
 Reported: 10/14/2022  
 Project Name: FEDERAL 27 - 1 (6-13-09)  
 Project Number: NOT GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/05/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 2 @ 4' (H224736-08)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	5.71		
Toluene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.94	97.0	2.00	4.71		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.80	96.6	6.00	4.63		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	400	100	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	10/12/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 3 @ 1' (H224736-09)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	5.71		
Toluene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.94	97.0	2.00	4.71		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.80	96.6	6.00	4.63		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	400	100	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	10/12/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 3 @ 2' (H224736-10)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	5.71		
Toluene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.94	97.0	2.00	4.71		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.80	96.6	6.00	4.63		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/12/2022	ND	400	100	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	10/12/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 97.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 3 @ 3' (H224736-11)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	5.71		
Toluene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.94	97.0	2.00	4.71		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.80	96.6	6.00	4.63		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/12/2022	ND	400	100	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	10/12/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 98.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 3 @ 4' (H224736-12)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	5.71		
Toluene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.94	97.0	2.00	4.71		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.80	96.6	6.00	4.63		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	400	100	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	10/12/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 97.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 4 @ 1' (H224736-13)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	5.71		
Toluene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.94	97.0	2.00	4.71		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.80	96.6	6.00	4.63		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/12/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 10/07/2022  
 Reported: 10/14/2022  
 Project Name: FEDERAL 27 - 1 (6-13-09)  
 Project Number: NOT GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/05/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 4 @ 2' (H224736-14)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	5.71		
Toluene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.94	97.0	2.00	4.71		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.80	96.6	6.00	4.63		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/12/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 4 @ 3' (H224736-15)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	5.71		
Toluene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.94	97.0	2.00	4.71		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.80	96.6	6.00	4.63		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/12/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 4 @ 4' (H224736-16)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.98	99.2	2.00	5.71		
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.94	97.0	2.00	4.71		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.80	96.6	6.00	4.63		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/12/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 5 @ 1' (H224736-17)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.98	99.2	2.00	5.71		
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.94	97.0	2.00	4.71		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.80	96.6	6.00	4.63		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/12/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 10/07/2022  
 Reported: 10/14/2022  
 Project Name: FEDERAL 27 - 1 (6-13-09)  
 Project Number: NOT GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/05/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 5 @ 2' (H224736-18)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.98	99.2	2.00	5.71		
Toluene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	3.57		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.94	97.0	2.00	4.71		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.80	96.6	6.00	4.63		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/12/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 99.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 5 @ 3' (H224736-19)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/12/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 98.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 5 @ 4' (H224736-20)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/12/2022	ND	211	106	200	0.920	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	242	121	200	9.41	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 6 @ 1' (H224736-21)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/11/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 10/07/2022  
 Reported: 10/14/2022  
 Project Name: FEDERAL 27 - 1 (6-13-09)  
 Project Number: NOT GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/05/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 6 @ 2' (H224736-22)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/11/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 130 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 6 @ 3' (H224736-23)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/11/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 6 @ 4' (H224736-24)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/11/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 7 @ 1' (H224736-25)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/11/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 7 @ 2' (H224736-26)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/11/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 7 @ 3' (H224736-27)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/12/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 7 @ 4' (H224736-28)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/12/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 8 @ 1' (H224736-29)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/12/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 8 @ 2' (H224736-30)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/12/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 8 @ 3' (H224736-31)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/12/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 8 @ 4' (H224736-32)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

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	10/12/2022	ND	400	100	400	3.92		

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	10/12/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 128 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 9 @ 1' (H224736-33)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/12/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 9 @ 2' (H224736-34)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/12/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 9 @ 3' (H224736-35)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77	

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	10/12/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 132 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 9 @ 4' (H224736-36)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/12/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 128 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 10 @ 1' (H224736-37)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/12/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 10 @ 2' (H224736-38)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.99	99.3	2.00	13.3		
Toluene*	<0.050	0.050	10/13/2022	ND	2.15	108	2.00	12.5		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.99	99.6	2.00	11.6		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/12/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 10 @ 3' (H224736-39)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	2.26	113	2.00	0.0420		
Toluene*	<0.050	0.050	10/12/2022	ND	2.14	107	2.00	0.620		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	0.659		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.32	105	6.00	0.410		
Total BTEx	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/12/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 99.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 10 @ 4' (H224736-40)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	2.26	113	2.00	0.0420		
Toluene*	<0.050	0.050	10/12/2022	ND	2.14	107	2.00	0.620		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	0.659		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.32	105	6.00	0.410		
Total BTEx	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/12/2022	ND	200	100	200	1.32	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	209	105	200	0.747	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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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:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 11 @ 1' (H224736-41)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	2.26	113	2.00	0.0420		
Toluene*	<0.050	0.050	10/12/2022	ND	2.14	107	2.00	0.620		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	0.659		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.32	105	6.00	0.410		
Total BTEx	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/11/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 79.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 11 @ 2' (H224736-42)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.26	113	2.00	0.0420	
Toluene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.620	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.659	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.32	105	6.00	0.410	
Total BTX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/11/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 74.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 11 @ 3' (H224736-43)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.26	113	2.00	0.0420		
Toluene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.620		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.659		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.32	105	6.00	0.410		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/11/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 79.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.4 % 46.3-178

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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:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 11 @ 4' (H224736-44)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.26	113	2.00	0.0420		
Toluene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.620		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.659		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.32	105	6.00	0.410		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/11/2022	ND	215	107	200	1.83		
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	226	113	200	1.66		
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND						

Surrogate: 1-Chlorooctane 79.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 12 @ 1' (H224736-45)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.26	113	2.00	0.0420		
Toluene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.620		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.659		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.32	105	6.00	0.410		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/11/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 80.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.6 % 46.3-178

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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:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 12 @ 2' (H224736-46)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.26	113	2.00	0.0420	
Toluene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.620	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.659	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.32	105	6.00	0.410	
Total BTX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/11/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 80.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 12 @ 3' (H224736-47)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.26	113	2.00	0.0420	
Toluene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.620	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.659	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.32	105	6.00	0.410	
Total BTX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/11/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 82.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 12 @ 4' (H224736-48)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.26	113	2.00	0.0420		
Toluene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.620		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.659		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.32	105	6.00	0.410		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/12/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 76.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 13 @ 1' (H224736-49)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.26	113	2.00	0.0420		
Toluene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.620		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.659		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.32	105	6.00	0.410		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/12/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 81.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 10/07/2022  
 Reported: 10/14/2022  
 Project Name: FEDERAL 27 - 1 (6-13-09)  
 Project Number: NOT GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/05/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 13 @ 2' (H224736-50)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.26	113	2.00	0.0420		
Toluene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.620		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.659		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.32	105	6.00	0.410		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/12/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 74.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 13 @ 3' (H224736-51)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.26	113	2.00	0.0420		
Toluene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.620		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.659		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.32	105	6.00	0.410		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/12/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 79.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 13 @ 4' (H224736-52)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.26	113	2.00	0.0420		
Toluene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.620		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.659		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.32	105	6.00	0.410		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 69.9-140

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	10/12/2022	ND	416	104	400	3.77		

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	10/12/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 78.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 14 @ 1' (H224736-53)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.26	113	2.00	0.0420	
Toluene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.620	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.659	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.32	105	6.00	0.410	
Total BTX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41		

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	10/12/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 80.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 14 @ 2' (H224736-54)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.26	113	2.00	0.0420		
Toluene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.620		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.659		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.32	105	6.00	0.410		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41		

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	10/12/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 79.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 14 @ 3' (H224736-55)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.26	113	2.00	0.0420	
Toluene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.620	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.659	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.32	105	6.00	0.410	
Total BTX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41		

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	10/12/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 76.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/05/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 14 @ 4' (H224736-56)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.26	113	2.00	0.0420	
Toluene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.620	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.659	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.32	105	6.00	0.410	
Total BTX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41	

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	10/12/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 78.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.9 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 10/07/2022  
 Reported: 10/14/2022  
 Project Name: FEDERAL 27 - 1 (6-13-09)  
 Project Number: NOT GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 15 @ 1' (H224736-57)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.26	113	2.00	0.0420	
Toluene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.620	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.659	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.32	105	6.00	0.410	
Total BTEx	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41	

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	10/12/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 75.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.5 % 46.3-178

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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:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 15 @ 2' (H224736-58)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.26	113	2.00	0.0420		
Toluene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	0.620		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.08	104	2.00	0.659		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.32	105	6.00	0.410		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41		

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	10/12/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 77.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 15 @ 3' (H224736-59)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43		
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41		

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	10/12/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 81.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 15 @ 4' (H224736-60)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43		
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41	

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	10/12/2022	ND	215	107	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 71.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.1 % 46.3-178

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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: 10/07/2022  
 Reported: 10/14/2022  
 Project Name: FEDERAL 27 - 1 (6-13-09)  
 Project Number: NOT GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 16 @ 1' (H224736-61)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43	
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22	
Total BTEX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41	

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	10/11/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 16 @ 2' (H224736-62)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43	
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22	
Total BTX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41		

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	10/11/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 93.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 16 @ 3' (H224736-63)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43		
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41		

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	10/11/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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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:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 16 @ 4' (H224736-64)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43		
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41		

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	10/11/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 94.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.3 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 17 @ 1' (H224736-65)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43		
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41		

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	10/11/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 98.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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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:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 17 @ 2' (H224736-66)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43		
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41		

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	10/12/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 17 @ 3' (H224736-67)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43		
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41		

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	10/12/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 17 @ 4' (H224736-68)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43		
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41		

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	10/12/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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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:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 18 @ 1' (H224736-69)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43		
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41	

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	10/12/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 18 @ 2' (H224736-70)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43		
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41		

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	10/12/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 18 @ 3' (H224736-71)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.93	96.6	2.00	10.4		
Toluene*	<0.050	0.050	10/13/2022	ND	2.11	105	2.00	8.79		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	98.0	2.00	9.05		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.92	98.7	6.00	10.1		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41		

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	10/12/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 18 @ 4' (H224736-72)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.93	96.6	2.00	10.4		
Toluene*	<0.050	0.050	10/13/2022	ND	2.11	105	2.00	8.79		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	98.0	2.00	9.05		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.92	98.7	6.00	10.1		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/12/2022	ND	416	104	400	7.41	

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	10/12/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 19 @ 1' (H224736-73)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.93	96.6	2.00	10.4		
Toluene*	<0.050	0.050	10/13/2022	ND	2.11	105	2.00	8.79		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	98.0	2.00	9.05		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.92	98.7	6.00	10.1		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 19 @ 2' (H224736-74)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.93	96.6	2.00	10.4		
Toluene*	<0.050	0.050	10/13/2022	ND	2.11	105	2.00	8.79		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	98.0	2.00	9.05		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.92	98.7	6.00	10.1		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 10/07/2022  
 Reported: 10/14/2022  
 Project Name: FEDERAL 27 - 1 (6-13-09)  
 Project Number: NOT GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 19 @ 3' (H224736-75)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.93	96.6	2.00	10.4		
Toluene*	<0.050	0.050	10/13/2022	ND	2.11	105	2.00	8.79		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	98.0	2.00	9.05		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.92	98.7	6.00	10.1		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 10/07/2022  
 Reported: 10/14/2022  
 Project Name: FEDERAL 27 - 1 (6-13-09)  
 Project Number: NOT GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 19 @ 4' (H224736-76)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.93	96.6	2.00	10.4		
Toluene*	<0.050	0.050	10/13/2022	ND	2.11	105	2.00	8.79		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	98.0	2.00	9.05		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.92	98.7	6.00	10.1		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 20 @ 1' (H224736-77)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.93	96.6	2.00	10.4		
Toluene*	<0.050	0.050	10/13/2022	ND	2.11	105	2.00	8.79		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	98.0	2.00	9.05		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.92	98.7	6.00	10.1		
Total BTEx	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 20 @ 2' (H224736-78)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.93	96.6	2.00	10.4		
Toluene*	<0.050	0.050	10/13/2022	ND	2.11	105	2.00	8.79		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	98.0	2.00	9.05		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.92	98.7	6.00	10.1		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	206	103	200	0.692		
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	217	108	200	2.64		
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND						

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 20 @ 3' (H224736-79)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.30		
Toluene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.96	97.9	2.00	3.61		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.97	99.5	6.00	4.07		
Total BTEx	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 20 @ 4' (H224736-80)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.30		
Toluene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.96	97.9	2.00	3.61		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.97	99.5	6.00	4.07		
Total BTEX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	206	103	200	0.692	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	217	108	200	2.64	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 99.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 10/07/2022  
 Reported: 10/14/2022  
 Project Name: FEDERAL 27 - 1 (6-13-09)  
 Project Number: NOT GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 21 @ 1' (H224736-81)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.30		
Toluene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.96	97.9	2.00	3.61		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.97	99.5	6.00	4.07		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	215	107	200	2.20	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 10/07/2022  
 Reported: 10/14/2022  
 Project Name: FEDERAL 27 - 1 (6-13-09)  
 Project Number: NOT GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 21 @ 2' (H224736-82)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.30		
Toluene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.96	97.9	2.00	3.61		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.97	99.5	6.00	4.07		
Total BTEx	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	215	107	200	2.20	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 98.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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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:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 21 @ 3' (H224736-83)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.30		
Toluene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.96	97.9	2.00	3.61		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.97	99.5	6.00	4.07		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	215	107	200	2.20	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 21 @ 4' (H224736-84)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.30		
Toluene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.96	97.9	2.00	3.61		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.97	99.5	6.00	4.07		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	215	107	200	2.20	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 92.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 22 @ 1' (H224736-85)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.30	
Toluene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.96	97.9	2.00	3.61	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.97	99.5	6.00	4.07	
Total BTX	<0.300	0.300	10/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	215	107	200	2.20	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 22 @ 2' (H224736-86)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.30		
Toluene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.96	97.9	2.00	3.61		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.97	99.5	6.00	4.07		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	215	107	200	2.20	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 82.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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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: 10/07/2022  
 Reported: 10/14/2022  
 Project Name: FEDERAL 27 - 1 (6-13-09)  
 Project Number: NOT GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 22 @ 3' (H224736-87)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.30		
Toluene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.96	97.9	2.00	3.61		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.97	99.5	6.00	4.07		
Total BTEx	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	215	107	200	2.20	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 22 @ 4' (H224736-88)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.30		
Toluene*	<0.050	0.050	10/12/2022	ND	1.98	99.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.96	97.9	2.00	3.61		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	5.97	99.5	6.00	4.07		
Total BTX	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 117 % 45.3-161

Surrogate: 1-Chlorooctadecane 139 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 23 @ 1' (H224736-89)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	3.30		
Toluene*	<0.050	0.050	10/13/2022	ND	1.98	99.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	97.9	2.00	3.61		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.97	99.5	6.00	4.07		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 125 % 45.3-161

Surrogate: 1-Chlorooctadecane 149 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 24 @ 2' (H224736-90)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	3.30		
Toluene*	<0.050	0.050	10/13/2022	ND	1.98	99.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	97.9	2.00	3.61		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.97	99.5	6.00	4.07		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 119 % 45.3-161

Surrogate: 1-Chlorooctadecane 142 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 24 @ 3' (H224736-91)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	3.30		
Toluene*	<0.050	0.050	10/13/2022	ND	1.98	99.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	97.9	2.00	3.61		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.97	99.5	6.00	4.07		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 24 @ 4' (H224736-92)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	3.30	
Toluene*	<0.050	0.050	10/13/2022	ND	1.98	99.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	97.9	2.00	3.61	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.97	99.5	6.00	4.07	
Total BTX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	10/12/2022	ND	432	108	400	3.77		

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 119 % 45.3-161

Surrogate: 1-Chlorooctadecane 142 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 25 @ 1' (H224736-93)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	3.30		
Toluene*	<0.050	0.050	10/13/2022	ND	1.98	99.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	97.9	2.00	3.61		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.97	99.5	6.00	4.07		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	10/12/2022	ND	448	112	400	3.64		

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 25 @ 2' (H224736-94)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	3.30		
Toluene*	<0.050	0.050	10/13/2022	ND	1.98	99.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	97.9	2.00	3.61		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.97	99.5	6.00	4.07		
Total BTX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	10/12/2022	ND	448	112	400	3.64		

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 128 % 45.3-161

Surrogate: 1-Chlorooctadecane 152 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 25 @ 3' (H224736-95)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	3.30		
Toluene*	<0.050	0.050	10/13/2022	ND	1.98	99.2	2.00	3.72		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	97.9	2.00	3.61		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.97	99.5	6.00	4.07		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/12/2022	ND	448	112	400	3.64		

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 115 % 45.3-161

Surrogate: 1-Chlorooctadecane 138 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/07/2022	Sampling Date:	10/06/2022
Reported:	10/14/2022	Sampling Type:	Soil
Project Name:	FEDERAL 27 - 1 (6-13-09)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 25 @ 4' (H224736-96)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	1.97	98.5	2.00	3.30	
Toluene*	<0.050	0.050	10/13/2022	ND	1.98	99.2	2.00	3.72	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	97.9	2.00	3.61	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.97	99.5	6.00	4.07	
Total BTX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	10/12/2022	ND	448	112	400	3.64		

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	10/12/2022	ND	203	101	200	2.13	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	200	100	200	0.102	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 134 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

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

<b>Company Name:</b> BBC International, Inc. <b>Project Manager:</b> Cliff Brunson <b>Address:</b> P.O. Box 805 <b>City:</b> Hobbs <b>State:</b> NM <b>Zip:</b> 88241 <b>Phone #:</b> 575-397-6388 <b>Fax #:</b> 575-397-0397 <b>Project #:</b> <b>Project Name:</b> FEDERAL 27-1 (6-13-09) <b>Project Location:</b> New Mexico <b>Sample Name:</b> SIMON				<b>P.O. #:</b> <b>Company:</b> Oxy <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>			
<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>			
<b>Lab I.D.</b>				<b>Sample I.D.</b>			
H224736							
BOTTOM SAMPLE 1@ 1'				(G)RAB OR (C)OMP.			
BOTTOM SAMPLE 1@ 2'				# CONTAINERS			
BOTTOM SAMPLE 1@ 3'				GROUNDWATER			
BOTTOM SAMPLE 1@ 4'				WASTEWATER			
BOTTOM SAMPLE 2@ 1'				SOIL			
BOTTOM SAMPLE 2@ 2'				OIL			
BOTTOM SAMPLE 2@ 3'				SLUDGE			
BOTTOM SAMPLE 2@ 4'				OTHER :			
BOTTOM SAMPLE 3@ 1'				ACID/BASE:			
BOTTOM SAMPLE 3@ 2'				ICE / COOL			
BOTTOM SAMPLE 3@ 3'				OTHER :			
BOTTOM SAMPLE 3@ 4'				DATE			
BOTTOM SAMPLE 3@ 5'				TIME			
BOTTOM SAMPLE 3@ 6'				10/5/22 8:25AM			
BOTTOM SAMPLE 3@ 7'				10/5/22 8:32AM			
BOTTOM SAMPLE 3@ 8'				10/5/22 8:40AM			
BOTTOM SAMPLE 3@ 9'				10/5/22 8:48AM			
BOTTOM SAMPLE 3@ 10'				10/5/22 8:56AM			
BOTTOM SAMPLE 3@ 11'				10/5/22 9:04AM			
BOTTOM SAMPLE 3@ 12'				10/5/22 9:14AM			
BOTTOM SAMPLE 3@ 13'				10/5/22 9:20AM			
BOTTOM SAMPLE 3@ 14'				10/5/22 9:32AM			
BOTTOM SAMPLE 3@ 15'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 16'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 17'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 18'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 19'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 20'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 21'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 22'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 23'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 24'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 25'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 26'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 27'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 28'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 29'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 30'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 31'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 32'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 33'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 34'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 35'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 36'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 37'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 38'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 39'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 40'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 41'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 42'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 43'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 44'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 45'				10/5/22 9:41AM			
BOTTOM SAMPLE 3@ 46'							



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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.										<b>BILL TO</b>										ANALYSIS REQUEST									
Project Manager: Cliff Brunson										P.O. #:																			
Address: P.O. Box 805										Company: Oxy																			
City: Hobbs										Attn:																			
State: NM Zip: 88241																													
Phone #: 575-397-6388										Address:																			
Fax #: 575-397-0397										City:																			
Project #: Project Owner: Oxy										State: Zip:																			
Project Name: FEDERAL 27-1 (6-13-09)										Phone #:																			
Project Location: New Mexico										Fax #:																			
Sampler Name: SIMON																													
FOR LAB USE ONLY																													
Lab I.D.										Sample I.D.																			
H224734										(G)RAB OR (C)OMP.																			
11										# CONTAINERS																			
12										GROUNDWATER																			
13										WASTEWATER																			
14										SOIL																			
15										OIL																			
16										SLUDGE																			
17										OTHER :																			
18										ACID/BASE:																			
19										ICE / COOL																			
20										OTHER :																			
BOTTOM SAMPLE 3@ 3'										DATE										TIME									
BOTTOM SAMPLE 3@ 4'										10/5/22										9:53AM									
BOTTOM SAMPLE 4@ 1'										10/5/22										10:02AM									
BOTTOM SAMPLE 4@ 2'										10/5/22										10:12AM									
BOTTOM SAMPLE 4@ 3'										10/5/22										10:21AM									
BOTTOM SAMPLE 4@ 4'										10/5/22										10:30AM									
BOTTOM SAMPLE 5@ 1'										10/5/22										10:38AM									
BOTTOM SAMPLE 5@ 2'										10/5/22										10:46AM									
BOTTOM SAMPLE 5@ 3'										10/5/22										10:55AM									
BOTTOM SAMPLE 5@ 4'										10/5/22										11:05AM									
BOTTOM SAMPLE 5@ 4'										10/5/22										11:16AM									
CHECKED BY: <i>[Signature]</i>										REMARKS:																			
Relinquished By: <i>[Signature]</i>										Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No										Add'l Phone #: <input type="checkbox"/> Yes <input type="checkbox"/> No									
Delivered By: (Circle One)										Sample Condition										CHECKED BY: <i>[Signature]</i>									
Sampler - UPS - Bus - Other: <i>11.00 / 11.60</i>										<input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No																			



## ORDINAL LABORATORIES

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc.		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>									
<b>Project Manager:</b> Cliff Brunson		<b>P.O. #:</b>											
<b>Address:</b> P.O. Box 805		<b>Company:</b> Oxy											
<b>City:</b> Hobbs		<b>Attn:</b>											
<b>Phone #:</b> 575-397-6388		<b>Address:</b>											
<b>Fax #:</b> 575-397-0397		<b>City:</b>											
<b>Project #:</b>		<b>State:</b>											
<b>Project Name:</b> FEDERAL 27-1 (6-13-09)		<b>Zip:</b>											
<b>Project Location:</b> New Mexico		<b>Phone #:</b>											
<b>Sample Name:</b> SIMON		<b>Fax #:</b>											
<small>FOR LAB USE ONLY</small>													
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>(G)RAB OR (C)OMP.</b>		<b># CONTAINERS</b>		<b>MATRIX</b>		<b>PRESERV.</b>		<b>SAMPLING</b>	
								GROUNDWATER					
								WASTEWATER					
								SOIL					
								OIL					
								SLUDGE					
								OTHER :					
								ACID/BASE:					
								ICE / COOL					
								OTHER :					
								<b>DATE</b>		<b>TIME</b>			
H224734		BOTTOM SAMPLE 8@ 3'		G		1		10/5/22		12:45PM		✓	
31		BOTTOM SAMPLE 8@ 4'						10/5/22		12:53PM		✓	
32		BOTTOM SAMPLE 9@ 1'						10/5/22		1:02PM		✓	
33		BOTTOM SAMPLE 9@ 2'						10/5/22		1:12PM		✓	
34		BOTTOM SAMPLE 9@ 3'						10/5/22		1:20PM		✓	
35		BOTTOM SAMPLE 10@ 1'						10/5/22		1:28PM		✓	
36		BOTTOM SAMPLE 10@ 2'						10/5/22		1:35PM		✓	
37		BOTTOM SAMPLE 10@ 3'						10/5/22		1:41PM		✓	
38		BOTTOM SAMPLE 10@ 4'						10/5/22		1:49PM		✓	
39		BOTTOM SAMPLE 10@ 4'						10/5/22		1:57PM		✓	
40		BOTTOM SAMPLE 10@ 4'						10/5/22		1:57PM		✓	
<small>PLEASE NOTE: Liability and Damages: Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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 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 services hereunder by Cardinal. Inquiries of whether such claim is based upon any of the above stated provisions or otherwise.</small>													
<b>Relinquished By:</b>		<b>Date:</b> 10-7-22		<b>Received By:</b>		<b>Phone Result:</b>		<b>Yes</b>		<b>No</b>		<b>Add'l Phone #:</b>	
		<b>Time:</b> 16:50				<b>Fax Result:</b>		<b>Yes</b>		<b>No</b>		<b>Add'l Fax #:</b>	
<b>Relinquished By:</b>		<b>Date:</b>		<b>Received By:</b>		<b>REMARKS:</b>							
		<b>Time:</b>											
<b>Delivered By: (Circle One)</b>		<b>Sample Condition</b>		<b>CHECKED BY:</b>									
<b>Sampler - UPS - Bus - Other:</b>		<b>Cool</b> <input checked="" type="checkbox"/> <b>Intact</b> <input checked="" type="checkbox"/>		<b>(Initials)</b>									
		<b>Yes</b> <input checked="" type="checkbox"/> <b>No</b> <input type="checkbox"/>		<b>Yes</b> <input checked="" type="checkbox"/> <b>No</b> <input type="checkbox"/>									

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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**

<b>Company Name:</b> BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>							
<b>Project Manager:</b> Cliff Brunson				<b>P.O. #:</b>											
<b>Address:</b> P.O. Box 805				<b>Company:</b> Oxy											
<b>City:</b> Hobbs				<b>Attn:</b>											
<b>State:</b> NM <b>Zip:</b> 88241															
<b>Phone #:</b> 575-397-6388 <b>Fax #:</b> 575-397-0397				<b>Address:</b>											
<b>Project #:</b>				<b>City:</b>											
<b>Project Name:</b> FEDERAL 27-1 (6-13-09)				<b>State:</b>											
<b>Project Location:</b> New Mexico				<b>Zip:</b>											
<b>Sample Name:</b> SIMON				<b>Fax #:</b>											
<small>FOR LAB USE ONLY</small>															
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>(G)RAB OR (C)OMP.</b>		<b># CONTAINERS</b>		<b>MATRIX</b>		<b>PRESERV.</b>		<b>SAMPLING</b>			
								<input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER :		<input type="checkbox"/> ACID/BASE: <input checked="" type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER :					
<b>DATE</b>		<b>TIME</b>													
4/1		BOTTOM SAMPLE 11@ 1'		10/5/22		2:05PM		✓		✓		✓			
4/2		BOTTOM SAMPLE 11@ 2'		10/5/22		2:12PM		✓		✓		✓			
4/3		BOTTOM SAMPLE 11@ 3'		10/5/22		2:20PM		✓		✓		✓			
4/4		BOTTOM SAMPLE 11@ 4'		10/5/22		2:26PM		✓		✓		✓			
4/5		BOTTOM SAMPLE 12@ 1'		10/5/22		2:32PM		✓		✓		✓			
4/6		BOTTOM SAMPLE 12@ 2'		10/5/22		2:39PM		✓		✓		✓			
4/7		BOTTOM SAMPLE 12@ 3'		10/5/22		2:46PM		✓		✓		✓			
4/8		BOTTOM SAMPLE 12@ 4'		10/5/22		2:53PM		✓		✓		✓			
4/9		BOTTOM SAMPLE 13@ 1'		10/5/22		3:00PM		✓		✓		✓			
50		BOTTOM SAMPLE 13@ 2'		10/5/22		3:08PM		✓		✓		✓			
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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 30 days after completion of the applicable service. In no event shall Cardinal be liable for moderate 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 services hereunder by Cardinal. Requests of whether such claim is based upon any of the above stated remedies or otherwise.</small>															
<b>Relinquished By:</b>				<b>Date:</b> 10-1-22				<b>Received By:</b>				<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b>			
<b>Relinquished By:</b>				<b>Date:</b> 10-5-22				<b>Received By:</b>				<b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b>			
<b>Time:</b>				<b>Time:</b>											
<b>Delivered By: (Circle One)</b>				<b>Sample Condition</b>				<b>CHECKED BY:</b>							
<b>Sampler - UPS - Bus - Other:</b>				<input checked="" type="checkbox"/> Intact <input type="checkbox"/> Damaged				<b>(Initials)</b>							
				<input type="checkbox"/> Yes <input type="checkbox"/> No											

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc.		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>																							
<b>Project Manager:</b> Cliff Brunson		<b>P.O. #:</b>																									
<b>Address:</b> P.O. Box 805		<b>Company:</b> Oxy																									
<b>City:</b> Hobbs		<b>Attn:</b>																									
<b>Phone #:</b> 575-397-6388		<b>Address:</b>																									
<b>Fax #:</b> 575-397-0397		<b>City:</b>																									
<b>Project #:</b>		<b>State:</b>																									
<b>Project Name:</b> FEDERAL 27-1 (6-13-09)		<b>Zip:</b>																									
<b>Project Location:</b> New Mexico		<b>Phone #:</b>																									
<b>Sample Name:</b> SIMON		<b>Fax #:</b>																									
<small>FOR LAB USE ONLY</small>																											
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>(G)RAB OR (C)OMP.</b>		<b># CONTAINERS</b>		<b>MATRIX</b>		<b>PRESERV</b>		<b>SAMPLING</b>															
								<input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER :		<input type="checkbox"/> ACID/BASE: <input checked="" type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER :		<b>DATE</b>		<b>TIME</b>													
H24736		51		BOTTOM SAMPLE 13@ 3'		6						10/5/22		3:15PM		chloride											
		52		BOTTOM SAMPLE 13@ 4'								10/5/22		3:21PM		BTEX											
		53		BOTTOM SAMPLE 14@ 1'								10/5/22		3:28PM		TPH EXT											
		54		BOTTOM SAMPLE 14@ 2'								10/5/22		3:36PM													
		55		BOTTOM SAMPLE 14@ 3'								10/5/22		3:42PM													
		56		BOTTOM SAMPLE 14@ 4'								10/5/22		3:51PM													
<small>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 the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																											
<b>Relinquished By:</b>		<b>Date:</b> 10-1-22		<b>Received By:</b>		<b>Phone Result:</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Add'l Phone #:</b>																	
<b>Relinquished By:</b>		<b>Date:</b>		<b>Received By:</b>		<b>Fax Result:</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Add'l Fax #:</b>																	
<b>Time:</b>		<b>Time:</b>		<b>Time:</b>		<b>REMARKS:</b>																					
<b>Delivered By: (Circle One)</b>		<b>Sample Condition</b>		<b>CHECKED BY:</b>																							
<b>Sampler - UPS - Bus - Other:</b>		<input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact		<b>(Initials)</b>																							
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																									

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## • CARDINAL LABORATORIES

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.						P.O. #:						BILL TO						ANALYSIS REQUEST					
Project Manager: Cliff Brunson						City: Hobbs						Attn:											
Address: P.O. Box 805						State: NM Zip: 88241						Address:											
Phone #: 575-397-6388						Fax #: 575-397-0397						City:											
Project #:						Project Owner: Oxy						State:											
Project Name: FEDERAL 27-1 (6-13-09)						Zip:						Phone #:											
Project Location: New Mexico						Fax #:																	
Sampler Name: SIMON																							
FOR LAB USE ONLY																							
Lab I.D.						Sample I.D.						(G)RAB OR (C)OMP.						# CONTAINERS					
												GROUNDWATER						WASTEWATER					
												SOIL											
												OIL											
												SLUDGE											
												OTHER :											
												ACID/BASE:											
												ICE / COOL											
												OTHER :											
												DATE						TIME					
H224736						BOTTOM SAMPLE 17 @ 3'						10/6/22						9:15AM					
67						BOTTOM SAMPLE 17 @ 4'						10/6/22						9:22AM					
68						BOTTOM SAMPLE 18 @ 1'						10/6/22						9:30AM					
69						BOTTOM SAMPLE 18 @ 2'						10/6/22						9:38AM					
70						BOTTOM SAMPLE 18 @ 3'						10/6/22						9:45AM					
71						BOTTOM SAMPLE 18 @ 4'						10/6/22						9:52AM					
72						BOTTOM SAMPLE 19 @ 1'						10/6/22						10:00AM					
73						BOTTOM SAMPLE 19 @ 2'						10/6/22						10:09AM					
74						BOTTOM SAMPLE 19 @ 3'						10/6/22						10:17AM					
75						BOTTOM SAMPLE 19 @ 4'						10/6/22						10:26AM					
76																							
PLEASE NOTE: Liability and Damages Cardholder'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 the client for the service. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analysis. 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 services hereunder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.																							
Relinquished By:						Date: 10-1-22						Received By:						Phone Result: Yes No Add'l Phone #:					
Time: 14:50																		Fax Result: Yes No Add'l Fax #:					
REMARKS:																							
Delivered By: (Circle One)						Sample Condition Cool Intact Yes No						CHECKED BY: (initials)											
Sampler - UPS - Bus - Other:																							



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

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

<b>Company Name:</b> BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>							
<b>Project Manager:</b> Cliff Brunson				<b>P.O. #:</b>											
<b>Address:</b> P.O. Box 805				<b>Company:</b> Oxy											
<b>City:</b> Hobbs				<b>Attn:</b>											
<b>State:</b> NM <b>Zip:</b> 88241				<b>Address:</b>											
<b>Phone #:</b> 575-397-6388 <b>Fax #:</b> 575-397-0397				<b>City:</b>											
<b>Project #:</b>				<b>State:</b>				<b>Zip:</b>							
<b>Project Name:</b> FEDERAL 27-1 (6-13-09)				<b>Phone #:</b>											
<b>Project Location:</b> New Mexico				<b>Fax #:</b>											
<b>Sampler Name:</b> SIMON															
<small>FOR LAB USE ONLY</small>															
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>(G)RAB OR (C)OMP.</b>		<b># CONTAINERS</b>		<b>MATRIX</b>		<b>PRESERV.</b>		<b>SAMPLING</b>			
								<input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER :		<input type="checkbox"/> ACID/BASE: <input checked="" type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER :					
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>DATE</b>		<b>TIME</b>									
H224732		BOTTOM SAMPLE 20 @ 1'		10/6/22		10:35AM		✓		Chloride					
77		BOTTOM SAMPLE 20 @ 2'		10/6/22		10:43AM		✓		BTEx					
78		BOTTOM SAMPLE 20 @ 3'		10/6/22		10:51AM		✓		TPH EXT					
79		BOTTOM SAMPLE 20 @ 4'		10/6/22		11:01AM		✓							
80		BOTTOM SAMPLE 21 @ 1'		10/6/22		11:10AM		✓							
81		BOTTOM SAMPLE 21 @ 2'		10/6/22		11:18AM		✓							
82		BOTTOM SAMPLE 21 @ 3'		10/6/22		11:27AM		✓							
83		BOTTOM SAMPLE 21 @ 4'		10/6/22		11:35AM		✓							
84		BOTTOM SAMPLE 22 @ 1'		10/6/22		11:42AM		✓							
85		BOTTOM SAMPLE 22 @ 2'		10/6/22		11:49AM		✓							
86															
<small>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 the client for the 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 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 services hereunder by Cardinal. Limitations of whether such claim is based upon any of the above stated remedies or otherwise.</small>															
<b>Relinquished By:</b>				<b>Date:</b> 10-7-22				<b>Received By:</b>				<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b>			
				<b>Time:</b> 1:50								<b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b>			
<b>Relinquished By:</b>				<b>Date:</b>				<b>Received By:</b>				<b>REMARKS:</b>			
				<b>Time:</b>											
<b>Delivered By: (Circle One)</b>				<b>Sample Condition</b>				<b>CHECKED BY:</b>							
<b>Sampler - UPS - Bus - Other:</b>				<input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No				<b>(Initials)</b>							

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



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC International, Inc.						<b>BILL TO</b>							<b>ANALYSIS REQUEST</b>							
Project Manager: Cliff Brunson						P.O. #:														
Address: P.O. Box 805						Company: Oxy														
City: Hobbs						Attn:														
State: NM Zip: 88241																				
Phone #: 575-397-6388 Fax #: 575-397-0397						Address:														
Project #:						City:														
Project Owner: Oxy																				
Project Name: FEDERAL 27-1 (6-13-09)						State: Zip:														
Project Location: New Mexico						Phone #:														
Fax #:																				
Sample Name: SIMON						Matrix														
FOR LAB USE ONLY						PRESERV														
Lab I.D.						SAMPLING														
Sample I.D.																				
BOTTOM SAMPLE 22 @ 3'						(G)RAB OR (C)OMP.														
BOTTOM SAMPLE 22 @ 4'						# CONTAINERS														
BOTTOM SAMPLE 23 @ 1'						GROUNDWATER														
BOTTOM SAMPLE 23 @ 2'						WASTEWATER														
BOTTOM SAMPLE 24 @ 2'						SOIL														
BOTTOM SAMPLE 24 @ 3'						OIL														
BOTTOM SAMPLE 24 @ 4'						SLUDGE														
BOTTOM SAMPLE 25 @ 1'						OTHER :														
BOTTOM SAMPLE 25 @ 2'						ACID/BASE:														
BOTTOM SAMPLE 25 @ 3'						ICE / COOL														
BOTTOM SAMPLE 25 @ 4'						OTHER :														
DATE						TIME														
10/6/22						11:56AM														
10/6/22						12:06PM														
10/6/22						12:14PM														
10/6/22						12:20PM														
10/6/22						12:27PM														
10/6/22						12:35PM														
10/6/22						12:42PM														
10/6/22						12:50PM														
10/6/22						12:57PM														
10/6/22						1:06PM														
REMARKS:																				
Relinquished By: [Signature]						Date: 10.7.22 Received By: [Signature]														
Time:																				
Relinquished By: [Signature]						Date: 10.50 Received By: [Signature]														
Time:																				
Delivered By: (Circle One)						Sample Condition														
Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>																				
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																				
Checked BY: [Signature]																				
Sampler - UPS - Bus - Other:																				
-110c/-11.6c																				

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 158263

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 158263
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	2/3/2023