

# Closure Report

## ID #nTO1432239370

### Site Description

Site Name:	NORTH HOBBS UNIT 32-141
Company:	Oxy USA, Inc.
Legal Description:	U/M ,S32, 18S ,38E,
County:	LEA
GPS Coordinates:	N 32.697350 , -103.177630

### Release Data

Date of Release:	10/20/2014
Type of Release:	PRODUCED WATER
Source of Release:	EXTERNAL CORROSION
Volume of Release:	80 BBLS, WATER
Volume Recovered:	70 BBLS, WATER

### Remediation Specifications

Remediation Parameters:	This site is listed on the Agreed Compliance Order of 4/5/19. This site had previously been remediated but apparently no paperwork exists on the NMOCD website for closure verification. Therefore, OXY is submitting documentation that verifies remediation was conducted and completed per OCD approval.

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 7/19/23 -7/27/23 ,8/2/23,8/8/23	
Notifications		

### Request for Closure

Based on the completion of the remediation, OXY requests closure approval from NMOCD.
Cliff P. Brunson President, BBC International, Inc.
8/16/2022

Form C-141

Page 6

State of New Mexico  
Oil Conservation Division

Incident ID	nTO1432239370
District RP	
Facility ID	
Application ID	

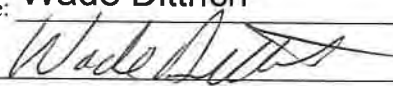
## Closure

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: 8/16/23  
email: wade\_dittrich@oxy.com Telephone: (575) 390-2828

**OCD Only**

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

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

Closure Approved by: Ashley Maxwell Date: 8/21/2023  
Printed Name: Ashley Maxwell Title: Environmental Specialist

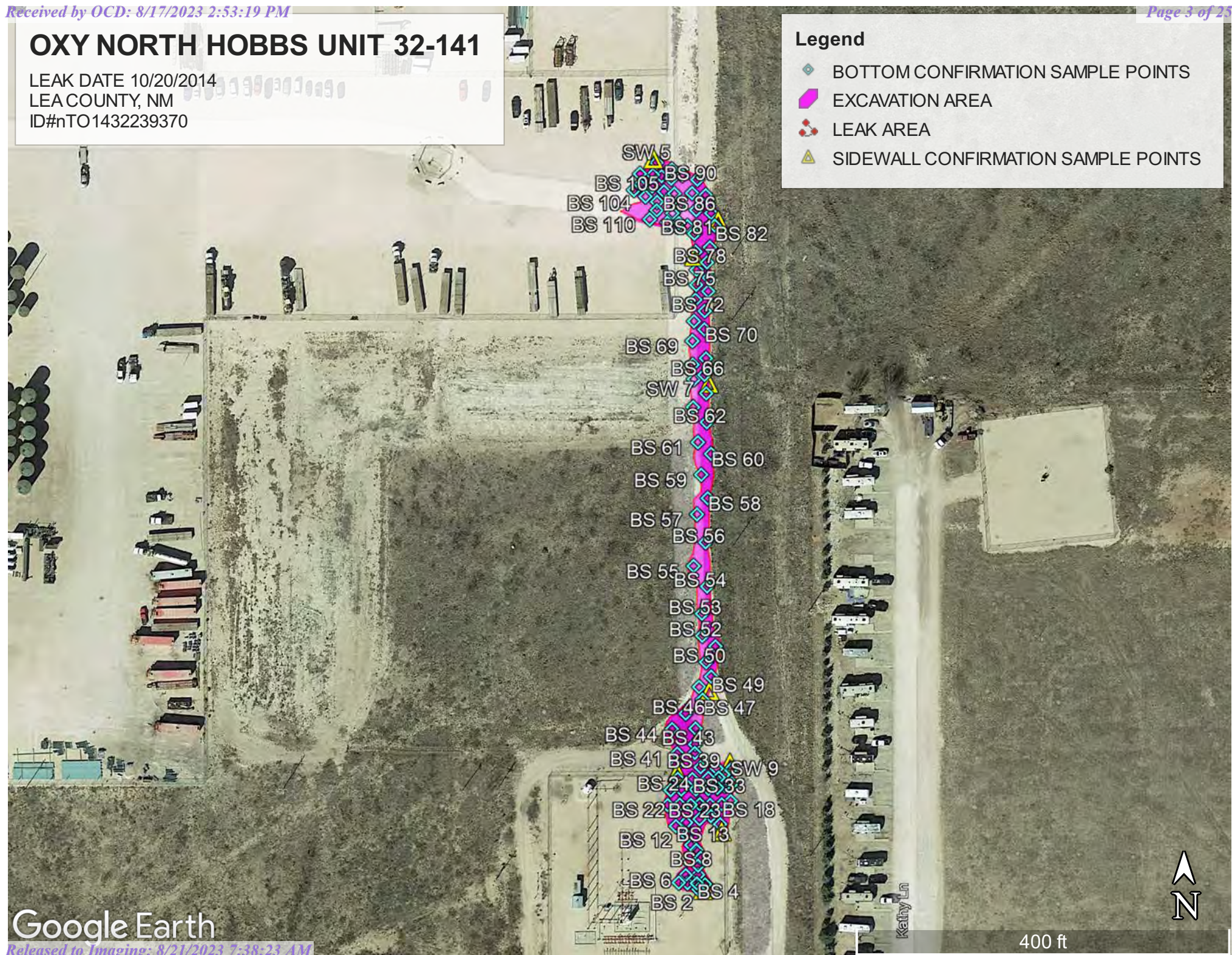


# OXY NORTH HOBBS UNIT 32-141

LEAK DATE 10/20/2014  
LEA COUNTY, NM  
ID#nTO1432239370

## Legend

- ◆ BOTTOM CONFIRMATION SAMPLE POINTS
- EXCAVATION AREA
- LEAK AREA
- ▲ SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

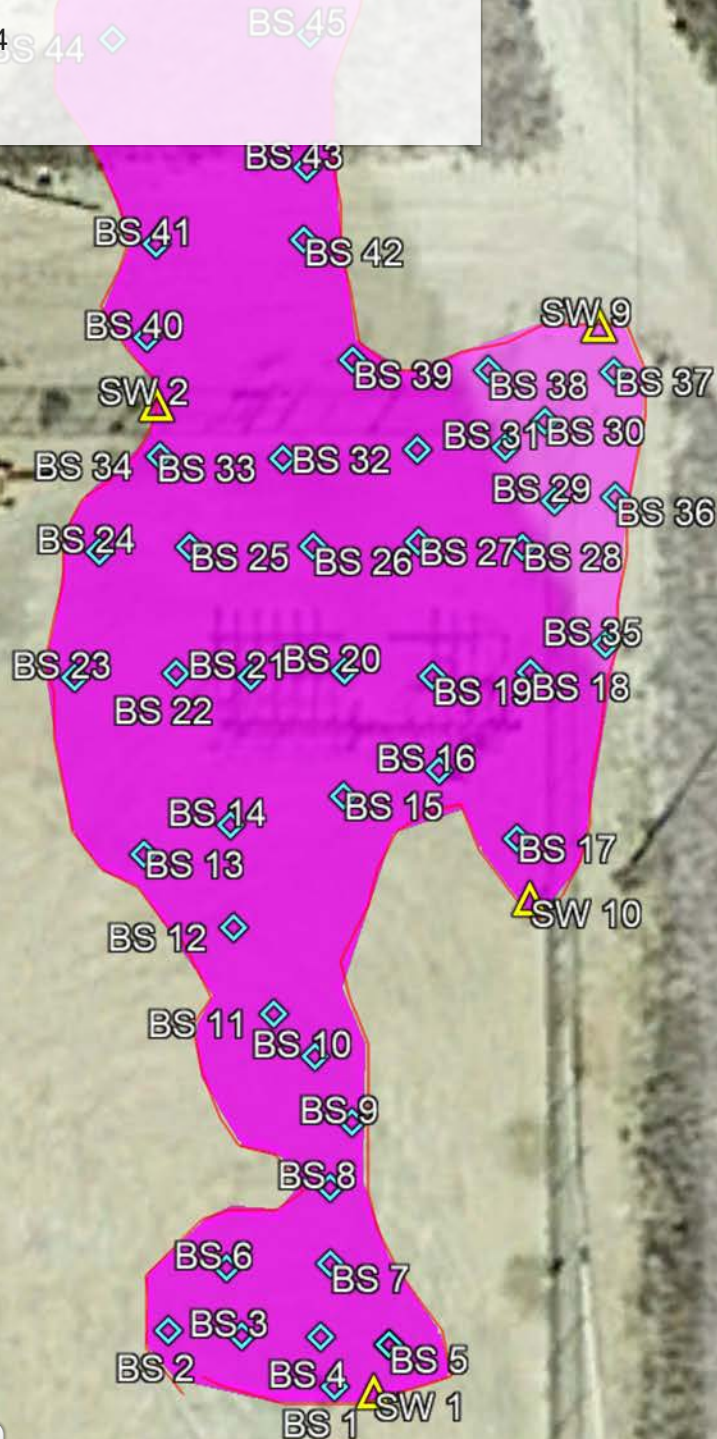


# OXY NORTH HOBBS UNIT 32-141

LEAK DATE 10/20/2014  
LEA COUNTY, NM  
ID#nTO1432239370

## Legend

- ◆ BOTTOM CONFIRMATION SAMPLE POINTS
- EXCAVATION AREA
- LEAK AREA
- ▲ SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

90 ft









# OXY NORTH HOBBS UNIT 32-141

LEAK DATE 10/20/2014  
LEA COUNTY, NM  
ID#nTO1432239370

## Legend

-  BOTTOM CONFIRMATION SAMPLE POINTS
-  EXCAVATION AREA
-  LEAK AREA
-  SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth









# OXY NORTH HOBBS UNIT 32-141

LEAK DATE 10/20/2014  
LEA COUNTY, NM  
ID#nTO1432239370

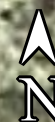
## Legend

-  BOTTOM CONFIRMATION SAMPLE POINTS
-  EXCAVATION AREA
-  LEAK AREA
-  SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

90 ft









# OXY NORTH HOBBS UNIT 32-141

LEAK DATE 10/20/2014  
LEA COUNTY, NM  
ID#nTO1432239370

## Legend

-  BOTTOM CONFIRMATION SAMPLE POINTS
-  EXCAVATION AREA
-  LEAK AREA
-  SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

90 ft



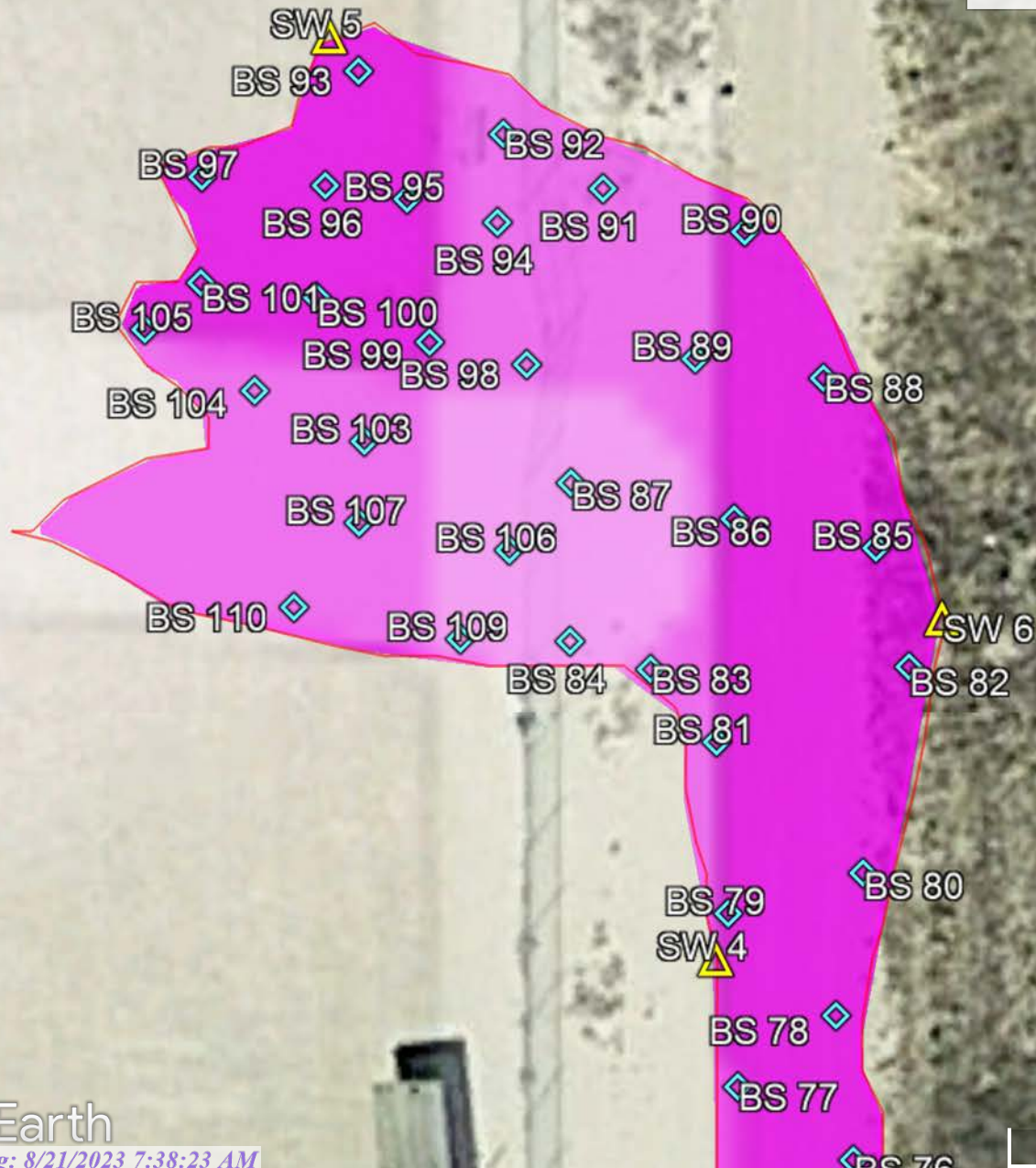


# OXY NORTH HOBBS UNIT 32-141

LEAK DATE 10/20/2014  
LEA COUNTY, NM  
ID#nTO1432239370

## Legend

- ◆ BOTTOM CONFIRMATION SAMPLE POINTS
- EXCAVATION AREA
- LEAK AREA
- ▲ SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

2000 ft



## OXY-NORTH HOBBS UNIT 32-141 (10/20/14)

SAMPLE DATES 7/19/23-7/27/23

## BOTTOM SAMPLE POINTS

BS 1	N 32.72033	W-103.15361
BS 2	N 32.72090	W-103.15363
BS 3	N 32.72089	W-103.15359
BS 4	N 32.72087	W-103.15356
BS 5	N 32.12086	W-103.15353
BS 6	N 32.72095	W-103.15352
BS 7	N 32.72094	W-103.15357
BS 8	N 32.72092	W-103.15363
BS 9	N 32.72100	W-103.15351
BS 10	N 32.72102	W-103.15357
BS 11	N 32.72099	W-103.15363
BS 12	N 32.72098	W-103.15367
BS 13	N 32.72105	W-103.15368
BS 14	N 32.72105	W-103.15365
BS 15	N 32.72105	W-103.15363
BS 16	N 32.72106	W-103.15359
BS 17	N 32.72107	W-103.15354
BS 18	N 32.72110	W-103.15352
BS 19	N 32.72108	W-103.15355
BS 20	N 32.72112	W-103.15360
BS 21	N 32.72111	W-103.15363
BS 22	N 32.72112	W-103.15367
BS 23	N 32.72110	W-103.15366
BS 24	N 32.72115	W-103.15368
BS 25	N 32.72118	W-103.15364
BS 26	N 32.72118	W-103.15360
BS 27	N 32.72119	W-103.15356
BS 28	N 32.72120	W-103.15351
BS 29	N 32.72118	W-103.15352
BS 30	N 32.72121	W-103.15353
BS 31	N 32.72120	W-103.15355
BS 32	N 32.72119	W-103.15359
BS 33	N 32.72121	W-103.15364
BS 34	N 32.72121	W-103.15366
BS 35	N 32.72117	W-103.15350
BS 36	N 32.72116	W-103.15349
BS 37	N 32.72121	W-103.15348
BS 38	N 32.72122	W-103.15352
BS 39	N 32.72126	W-103.15360
BS 40	N 32.72129	W-103.15367
BS 41	N 32.72130	W-103.15361



BS 42	N 32.72134	W-103.15356
BS 43	N 32.72133	W-103.15357
BS 44	N 32.72134	W-103.15366
BS 45	N 32.72139	W-103.15363
BS 46	N 32.72139	W-103.15337
BS 47	N 32.72141	W-103.15356
BS 48	N 32.72141	W-103.15361
BS 49	N 32.72145	W-103.15360
BS 50	N 32.72145	W-103.15351
BS 51	N 32.72150	W-103.15353
BS 52	N 32.72158	W-103.15364
BS 53	N 32.72148	W-103.15362
BS 54	N 32.72170	W-103.15320
BS 55	N 32.72159	W-103.15362
BS 56	N 32.72161	W-103.15360
BS 57	N 32.72165	W-103.15352
BS 58	N 32.72162	W-103.15357
BS 59	N 32.72166	W-103.15353
BS 60	N 32.72169	W-103.15354
BS 61	N 32.721715	W-103.153592
BS 62	N 32.721737	W-103.153539
BS 63	N 32.721793	W-103.153583
BS 64	N 32.721835	W-103.153560
BS 65	N 32.721884	W-103.153582
BS 66	N 32.721923	W-103.153551
BS 67	N 32.721968	W-103.153594
BS 68	N 32.722033	W-103.153527
BS 69	N 32.722065	W-103.153567
BS 70	N 32.722114	W-103.153548
BS 71	N 32.722159	W-103.153583
BS 72	N 32.722211	W-103.153541
BS 73	N 32.722770	W-103.153570
BS 74	N 32.722316	W-103.153520
BS 75	N 32.722379	W-103.153583
BS 76	N 32.722440	W-103.153535
BS 77	N 32.722489	W-103.153583
BS 78	N 32.722555	W-103.153529
BS 79	N 32.722619	W-103.153587
BS 80	N 32.722681	W-103.153521
BS 81	N 32.72272	W-103.15360
BS 82	N 32.72276	W-103.15356
BS 83	N 32.72278	W-103.15361
BS 84	N 32.72281	W-103.15365
BS 85	N 32.72282	W-103.15356
BS 86	N 32.72285	W-103.15360
BS 87	N 32.72285	W-103.15366
BS 88	N 32.72288	W-103.15356



BS 89	N 32.72290	W-103.15359
BS 90	N 32.72293	W-103.15361
BS 91	N 32.72293	W-103.15366
BS 92	N 32.72310	W-103.15375
BS 93	N 32.72313	W-103.15379
BS 94	N 32.72307	W-103.15370
BS 95	N 32.72306	W-103.15375
BS 96	N 32.72307	W-103.15380
BS 97	N 32.72306	W-103.15385
BS 98	N 32.72302	W-103.15370
BS 99	N 32.72300	W-103.15374
BS 100	N 32.72305	W-103.15380
BS 101	N 32.72302	W-103.15388
BS 102	N 32.72301	W-103.15379
BS 103	N 32.72302	W-103.31382
BS 104	N 32.72301	W-103.15385
BS 105	N 32.72303	W-103.15391
BS 106	N 32.72297	W-103.15376
BS 107	N 32.72297	W-103.15379
BS 108	N 32.72296	W-103.15383
BS 110	N 32.72291	W-103.15377

## SIDEWALL SAMPLE POINTS

SW 1	N 32.72081	W-103.15360
SW 2	N 32.72124	W-103.15364
SW 3	N 32.72169	W-103.15359
SW 4	N 32.72261	W-103.15358
SW 5	N 32.72310	W-103.15378
SW 6	N 32.72281	W-103.15356
SW 7	N 32.72192	W-103.15355
SW 8	N 32.72142	W-103.15352
SW 9	N 32.72123	W-103.15347
SW 10	N 32.72102	W-103.15352



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	Sample ID	BS 110@1'	BS 110@2'
Analyte	Date	7/27/23	7/27/23
		mg/kg	mg/kg
Benzene		<0.050	<0.050
Toluene		<0.050	<0.050
Ethylbenzene		<0.050	<0.050
Total Xylenes		<0.150	<0.150
Total BTEX		<0.300	<0.300
Chloride		<16.0	<16.0
GRO		<10.0	<10.0
DRO		<10.0	<10.0
EXT DRO		<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	7/27/23	7/27/23	7/27/23	7/27/23	7/27/23	7/27/23	7/27/23	7/27/23	7/27/23	7/27/23
		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	<0.050	<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	<0.150	<0.150	<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	<16.0	<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





NORTH HOBBS UNIT 32-141 (10/20/14)





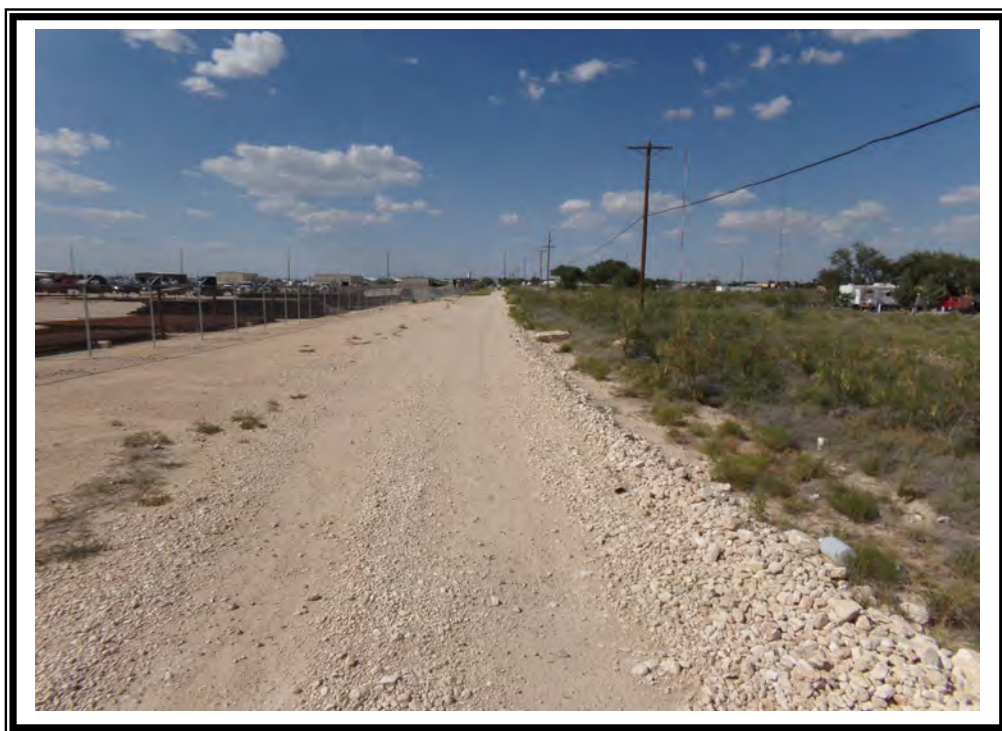
NORTH HOBBS UNIT 32-141 (10/20/14)







NORTH HOBBS UNIT 32-141 (10/20/14)





NORTH HOBBS UNIT 32-141 (10/20/14)







NORTH HOBBS UNIT 32-141 (10/20/14)





NORTH HOBBS UNIT 32-141 (10/20/14)







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

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August 02, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NHU 32-141

Enclosed are the results of analyses for samples received by the laboratory on 07/31/23 11:45.

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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 1 @ 1' (H234012-01)**

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	08/01/2023	ND	2.11	106	2.00	4.22	
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12	
Total BTEX	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	08/01/2023	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 1 @ 2' (H234012-02)**

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	08/01/2023	ND	2.11	106	2.00	4.22	
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12	
Total BTEX	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	08/01/2023	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 2 @ 1' (H234012-03)**

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	08/01/2023	ND	2.11	106	2.00	4.22	
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12	
Total BTEx	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	08/01/2023	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 2 @ 2' (H234012-04)**

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	08/01/2023	ND	2.11	106	2.00	4.22	
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12	
Total BTEX	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

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	08/01/2023	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 3 @ 1' (H234012-05)**

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	08/01/2023	ND	2.11	106	2.00	4.22		
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12		
Total BTEX	<0.300	0.300	08/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	08/01/2023	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 3 @ 2' (H234012-06)**

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	08/01/2023	ND	2.11	106	2.00	4.22	
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12	
Total BTEX	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	08/01/2023	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 4 @ 1' (H234012-07)**

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	08/01/2023	ND	2.11	106	2.00	4.22		
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12		
Total BTEx	<0.300	0.300	08/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

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	08/01/2023	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 4 @ 2' (H234012-08)**

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	08/01/2023	ND	2.11	106	2.00	4.22	
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12	
Total BTEx	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

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	08/01/2023	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 5 @ 1' (H234012-09)**

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	08/01/2023	ND	2.11	106	2.00	4.22	
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12	
Total BTEX	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	08/01/2023	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 5 @ 2' (H234012-10)**

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	08/01/2023	ND	2.11	106	2.00	4.22	
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12	
Total BTX	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	08/01/2023	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 6 @ 1' (H234012-11)**

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	08/01/2023	ND	2.11	106	2.00	4.22	
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12	
Total BTEX	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	08/01/2023	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 6 @ 2' (H234012-12)**

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	08/01/2023	ND	2.11	106	2.00	4.22	
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12	
Total BTEx	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	08/01/2023	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 7 @ 1' (H234012-13)**

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	08/01/2023	ND	2.11	106	2.00	4.22	
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12	
Total BTEx	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	08/01/2023	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 7 @ 2' (H234012-14)**

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	08/01/2023	ND	2.11	106	2.00	4.22	
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12	
Total BTEX	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

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	08/01/2023	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 8 @ 1' (H234012-15)**

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	08/01/2023	ND	2.11	106	2.00	4.22		
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12		
Total BTEx	<0.300	0.300	08/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	08/01/2023	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 8 @ 2' (H234012-16)**

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	08/01/2023	ND	2.11	106	2.00	4.22	
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12	
Total BTEx	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/01/2023	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 9 @ 1' (H234012-17)**

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	08/01/2023	ND	2.11	106	2.00	4.22	
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12	
Total BTEx	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/01/2023	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 9 @ 2' (H234012-18)**

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	08/01/2023	ND	2.11	106	2.00	4.22	
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12	
Total BTEx	<0.300	0.300	08/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/01/2023	ND	416	104	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 10 @ 1' (H234012-19)**

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	08/01/2023	ND	2.11	106	2.00	4.22		
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12		
Total BTEX	<0.300	0.300	08/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	08/01/2023	ND	416	104	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 10 @ 2' (H234012-20)**

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	08/01/2023	ND	2.11	106	2.00	4.22		
Toluene*	<0.050	0.050	08/01/2023	ND	2.01	100	2.00	3.62		
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.05	102	2.00	3.07		
Total Xylenes*	<0.150	0.150	08/01/2023	ND	6.04	101	6.00	4.12		
Total BTEx	<0.300	0.300	08/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	08/01/2023	ND	416	104	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	08/01/2023	ND	202	101	200	0.600	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	221	111	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 11 @ 1' (H234012-21)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/31/2023	ND	2.15	108	2.00	4.48		
Toluene*	<0.050	0.050	07/31/2023	ND	2.10	105	2.00	5.32		
Ethylbenzene*	<0.050	0.050	07/31/2023	ND	2.03	101	2.00	4.08		
Total Xylenes*	<0.150	0.150	07/31/2023	ND	6.09	102	6.00	4.02		
Total BTX	<0.300	0.300	07/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	08/01/2023	ND	416	104	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	08/01/2023	ND	186	93.0	200	10.6	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	204	102	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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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: 07/31/2023  
 Reported: 08/02/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 11 @ 2' (H234012-22)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/31/2023	ND	2.15	108	2.00	4.48		
Toluene*	<0.050	0.050	07/31/2023	ND	2.10	105	2.00	5.32		
Ethylbenzene*	<0.050	0.050	07/31/2023	ND	2.03	101	2.00	4.08		
Total Xylenes*	<0.150	0.150	07/31/2023	ND	6.09	102	6.00	4.02		
Total BTEX	<0.300	0.300	07/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

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	08/01/2023	ND	416	104	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	08/01/2023	ND	186	93.0	200	10.6	
DRO >C10-C28*	<10.0	10.0	08/01/2023	ND	204	102	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	08/01/2023	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
A-01	ECCV Failed High. All samples ND.
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



# ORDINAL 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> NHU 32-141 (10/20/14) <b>Project Location:</b> New Mexico <b>Sampler Name:</b> Simon Rendon				<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>		<b>FOR LAB USE ONLY</b> (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE : ICE / COOL OTHER :		<b>MATRIX</b> PRESERV SAMPLING		<b>DATE</b> <b>TIME</b>	
BOTTOM SAMPLE 1@1' BOTTOM SAMPLE 1@2' BOTTOM SAMPLE 2@1' BOTTOM SAMPLE 2@2' BOTTOM SAMPLE 3@1' BOTTOM SAMPLE 3@2' BOTTOM SAMPLE 4@1' BOTTOM SAMPLE 4@2' BOTTOM SAMPLE 5@1' BOTTOM SAMPLE 5@2'		7/19/23    9:45AM 7/19/23    10:04AM 7/19/23    10:23AM 7/19/23    10:40AM 7/19/23    10:54AM 7/19/23    11:14AM 7/19/23    11:30AM 7/19/23    11:49AM 7/19/23    12:07PM 7/19/23    12:50PM		✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓ ✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓ ✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓ ✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓ ✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓ ✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓ ✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓ ✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓ ✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓    ✓		Chloride BTEX TPH/EXT	
<b>Relinquished By:</b> Date: 7-31-23 Time: 1145		<b>Received By:</b> Date: 7-31-23 Time: 1145		<b>Sample Condition</b> Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>CHECKED BY:</b> (Initials)	
<b>Delivered By:</b> (Circle One) UPS - Bus - Other:		<b>Relinquished By:</b>		<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b>		<b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b>	
<b>REMARKS:</b> Pushed 2 Days							





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. #:		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company: Oxy			
Address: P.O. Box 805		Attn:			
City: Hobbs		Address:			
Phone #: 575-397-6388		City:			
Fax #: 575-397-0397		State:			
Project #: Project Owner: Oxy		Zip:			
Project Name: NHU 32-141 (10/20/14)		Phone #:			
Project Location: New Mexico		Fax #:			
Sampler Name: Simon Rendon					
FOR LAB USE ONLY					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	MATRIX	PRESERV	SAMPLING
		# CONTAINERS	GROUNDWATER		
			WASTEWATER		
			SOIL		
			OIL		
			SLUDGE		
			OTHER :		
			ACID/BASE:		
			ICE / COOL		
			OTHER :		
			DATE	TIME	
11	BOTTOM SAMPLE 6@1'		7/19/23	1:12PM	✓
12	BOTTOM SAMPLE 6@2'		7/19/23	1:29PM	✓
13	BOTTOM SAMPLE 7@1'		7/19/23	1:45PM	✓
14	BOTTOM SAMPLE 7@2'		7/19/23	2:07PM	✓
15	BOTTOM SAMPLE 8@1'		7/19/23	2:29PM	✓
16	BOTTOM SAMPLE 8@2'		7/19/23	2:43PM	✓
17	BOTTOM SAMPLE 9@1'		7/19/23	3:07PM	✓
18	BOTTOM SAMPLE 9@2'		7/19/23	3:28PM	✓
19	BOTTOM SAMPLE 10@1'		7/19/23	3:41PM	✓
20	BOTTOM SAMPLE 10@2'		7/19/23	3:58PM	✓
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Relinquished By:	Date: 7-31-23	Received By:	Phone Result:	Yes	No
	Time: 1145		Fax Result:	Yes	No
	Date: 7/19/23		REMARKS:		
	Time:				
Delivered By: (Circle One)		Sample Condition	CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:		Cool Intact			
		Yes			
		No			
		Yes			
		No			

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



## ORDINAL LABORATORIES

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]





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

---

August 07, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NHU 32-141

Enclosed are the results of analyses for samples received by the laboratory on 07/31/23 11:45.

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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 27 @ 1' (H234014-01)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83	
Total BTEX	<0.300	0.300	08/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	08/03/2023	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	08/02/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 27 @ 2' (H234014-02)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83	
Total BTX	<0.300	0.300	08/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/03/2023	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	08/02/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 28 @ 1' (H234014-03)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83	
Total BTEX	<0.300	0.300	08/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/03/2023	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	08/02/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 28 @ 2' (H234014-04)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83	
Total BTX	<0.300	0.300	08/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

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	08/03/2023	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	08/02/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 29 @ 1' (H234014-05)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83	
Total BTX	<0.300	0.300	08/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	08/03/2023	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	08/02/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 29 @ 2' (H234014-06)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21		
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50		
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02		
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83		
Total BTEX	<0.300	0.300	08/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	08/03/2023	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	08/02/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 30 @ 1' (H234014-07)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21		
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50		
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02		
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83		
Total BTX	<0.300	0.300	08/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	08/03/2023	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	08/03/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 30 @ 2' (H234014-08)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21		
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50		
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02		
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83		
Total BTEX	<0.300	0.300	08/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	08/03/2023	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	08/03/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 31 @ 1' (H234014-09)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83	
Total BTEX	<0.300	0.300	08/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	08/03/2023	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	08/03/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 31 @ 2' (H234014-10)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83	
Total BTX	<0.300	0.300	08/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	08/03/2023	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	08/03/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 32 @ 1' (H234014-11)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83	
Total BTEX	<0.300	0.300	08/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	08/03/2023	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	08/03/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 32 @ 2' (H234014-12)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83	
Total BTEX	<0.300	0.300	08/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/03/2023	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	08/03/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 33 @ 1' (H234014-13)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21		
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50		
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02		
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83		
Total BTX	<0.300	0.300	08/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	08/03/2023	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	08/03/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 33 @ 2' (H234014-14)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83	
Total BTEX	<0.300	0.300	08/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	08/03/2023	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	08/03/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 34 @ 1' (H234014-15)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21		
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50		
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02		
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83		
Total BTEX	<0.300	0.300	08/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	08/03/2023	ND	432	108	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	08/03/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 34 @ 2' (H234014-16)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21		
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50		
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02		
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83		
Total BTX	<0.300	0.300	08/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	08/03/2023	ND	432	108	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	08/03/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 35 @ 1' (H234014-17)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21		
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50		
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02		
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83		
Total BTEX	<0.300	0.300	08/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	08/03/2023	ND	432	108	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	08/03/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 35 @ 2' (H234014-18)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21		
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50		
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02		
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83		
Total BTEX	<0.300	0.300	08/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	08/03/2023	ND	432	108	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	08/03/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 36 @ 1' (H234014-19)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21	
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83	
Total BTEX	<0.300	0.300	08/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/03/2023	ND	432	108	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	08/03/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 36 @ 2' (H234014-20)**

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	08/03/2023	ND	1.97	98.7	2.00	3.21		
Toluene*	<0.050	0.050	08/03/2023	ND	1.99	99.4	2.00	2.50		
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.92	95.8	2.00	4.02		
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.67	94.5	6.00	3.83		
Total BTX	<0.300	0.300	08/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/03/2023	ND	432	108	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	08/03/2023	ND	214	107	200	0.646	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	222	111	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 37 @ 1' (H234014-21)**

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	08/03/2023	ND	2.05	103	2.00	0.891		
Toluene*	<0.050	0.050	08/03/2023	ND	1.93	96.6	2.00	0.429		
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.98	99.0	2.00	0.0334		
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.84	97.4	6.00	0.832		
Total BTEX	<0.300	0.300	08/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	08/03/2023	ND	432	108	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	08/04/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 37 @ 2' (H234014-22)**

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	08/03/2023	ND	2.05	103	2.00	0.891	
Toluene*	<0.050	0.050	08/03/2023	ND	1.93	96.6	2.00	0.429	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.98	99.0	2.00	0.0334	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.84	97.4	6.00	0.832	
Total BTEX	<0.300	0.300	08/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	08/03/2023	ND	432	108	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	08/04/2023	ND	178	89.2	200	9.09	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	188	94.0	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 38 @ 1' (H234014-23)**

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	08/03/2023	ND	2.05	103	2.00	0.891	
Toluene*	<0.050	0.050	08/03/2023	ND	1.93	96.6	2.00	0.429	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.98	99.0	2.00	0.0334	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.84	97.4	6.00	0.832	
Total BTEX	<0.300	0.300	08/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	08/03/2023	ND	432	108	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	08/02/2023	ND	168	83.9	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	153	76.5	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.8 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 38 @ 2' (H234014-24)**

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	08/03/2023	ND	2.05	103	2.00	0.891	
Toluene*	<0.050	0.050	08/03/2023	ND	1.93	96.6	2.00	0.429	
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.98	99.0	2.00	0.0334	
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.84	97.4	6.00	0.832	
Total BTEX	<0.300	0.300	08/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	08/03/2023	ND	432	108	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	08/02/2023	ND	168	83.9	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	153	76.5	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 39 @ 1' (H234014-25)**

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	08/03/2023	ND	2.05	103	2.00	0.891		
Toluene*	<0.050	0.050	08/03/2023	ND	1.93	96.6	2.00	0.429		
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.98	99.0	2.00	0.0334		
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.84	97.4	6.00	0.832		
Total BTEX	<0.300	0.300	08/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	08/03/2023	ND	432	108	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	08/02/2023	ND	168	83.9	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	153	76.5	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 55.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 54.7 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 39 @ 2' (H234014-26)**

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	08/03/2023	ND	2.05	103	2.00	0.891		
Toluene*	<0.050	0.050	08/03/2023	ND	1.93	96.6	2.00	0.429		
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.98	99.0	2.00	0.0334		
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.84	97.4	6.00	0.832		
Total BTEX	<0.300	0.300	08/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	08/03/2023	ND	432	108	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	08/02/2023	ND	168	83.9	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	153	76.5	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 40 @ 1' (H234014-27)**

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	08/03/2023	ND	2.05	103	2.00	0.891		
Toluene*	<0.050	0.050	08/03/2023	ND	1.93	96.6	2.00	0.429		
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.98	99.0	2.00	0.0334		
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.84	97.4	6.00	0.832		
Total BTEx	<0.300	0.300	08/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	08/03/2023	ND	432	108	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	08/02/2023	ND	168	83.9	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	153	76.5	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 40 @ 2' (H234014-28)**

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	08/03/2023	ND	2.05	103	2.00	0.891		
Toluene*	<0.050	0.050	08/03/2023	ND	1.93	96.6	2.00	0.429		
Ethylbenzene*	<0.050	0.050	08/03/2023	ND	1.98	99.0	2.00	0.0334		
Total Xylenes*	<0.150	0.150	08/03/2023	ND	5.84	97.4	6.00	0.832		
Total BTEX	<0.300	0.300	08/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	08/03/2023	ND	432	108	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	08/02/2023	ND	168	83.9	200	5.18	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	153	76.5	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 41 @ 1' (H234014-29)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79	
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85	
Total BTEX	<0.300	0.300	08/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

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	08/03/2023	ND	432	108	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	08/02/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 54.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 54.0 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 41 @ 2' (H234014-30)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85		
Total BTEX	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

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	08/03/2023	ND	432	108	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	08/02/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 64.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.0 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 42 @ 1' (H234014-31)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85		
Total BTEX	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

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	08/03/2023	ND	432	108	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	08/02/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 42 @ 2' (H234014-32)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85		
Total BTEx	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/03/2023	ND	432	108	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	08/02/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 43 @ 1' (H234014-33)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85		
Total BTEX	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

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	08/03/2023	ND	432	108	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	08/02/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 43 @ 2' (H234014-34)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85		
Total BTEx	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/03/2023	ND	432	108	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	08/02/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 44 @ 1' (H234014-35)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85		
Total BTEX	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/02/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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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  
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 Fax To: (575) 397-0397

Received: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 44 @ 2' (H234014-36)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79	
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85	
Total BTEx	<0.300	0.300	08/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14	

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	08/02/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 45 @ 1' (H234014-37)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85		
Total BTEX	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/02/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 45 @ 2' (H234014-38)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85		
Total BTEx	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/02/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 46 @ 1' (H234014-39)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79	
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85	
Total BTEx	<0.300	0.300	08/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/03/2023	ND	432	108	400	7.14		

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	08/03/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 46 @ 2' (H234014-40)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85		
Total BTEx	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/03/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 47 @ 1' (H234014-41)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79	
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85	
Total BTX	<0.300	0.300	08/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/03/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 47 @ 2' (H234014-42)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85		
Total BTEX	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/03/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 48 @ 1' (H234014-43)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85		
Total BTEX	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/03/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 48 @ 2' (H234014-44)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85		
Total BTEx	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/03/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	10.0	10.0	08/03/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 49 @ 1' (H234014-45)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85		
Total BTEx	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/03/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 49 @ 2' (H234014-46)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85		
Total BTEx	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/03/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 50 @ 1' (H234014-47)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85		
Total BTEX	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/03/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 50 @ 2' (H234014-48)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	08/05/2023	ND	1.97	98.7	2.00	5.42		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.92	95.9	2.00	3.47		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.78	96.4	6.00	2.85		
Total BTEX	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/03/2023	ND	156	77.9	200	6.09	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	142	71.1	200	4.19	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 51 @ 1' (H234014-49)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58		
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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**Analytical Results For:**

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 Fax To: (575) 397-0397

Received: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 51 @ 2' (H234014-50)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58		
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 52 @ 1' (H234014-51)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58	
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74	
Total BTX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 52 @ 2' (H234014-52)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58	
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74	
Total BTX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/03/2023	ND	162	81.1	200	5.91	
<b>DRO &gt;C10-C28*</b>	<b>10.0</b>	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 53 @ 1' (H234014-53)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58		
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 53 @ 2' (H234014-54)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58		
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	08/03/2023	ND	432	108	400	7.14		

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	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 54 @ 1' (H234014-55)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58		
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 54 @ 2' (H234014-56)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58		
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74		
Total BTEX	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 55 @ 1' (H234014-57)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58	
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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**Analytical Results For:**

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 Cliff Brunson  
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 Fax To: (575) 397-0397

Received: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 55 @ 2' (H234014-58)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58	
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74	
Total BTX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

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 Fax To: (575) 397-0397

Received: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 56 @ 1' (H234014-59)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58		
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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**Analytical Results For:**

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

Received: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 56 @ 2' (H234014-60)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58	
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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**Analytical Results For:**

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 Fax To: (575) 397-0397

Received: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 57 @ 1' (H234014-61)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58		
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/24/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 57 @ 2' (H234014-62)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58		
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74		
Total BTX	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 58 @ 1' (H234014-63)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58		
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 58 @ 2' (H234014-64)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58	
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74	
Total BTX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 59 @ 1' (H234014-65)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58	
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 59 @ 2' (H234014-66)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58	
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 60 @ 1' (H234014-67)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58	
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 60 @ 2' (H234014-68)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.10	105	2.00	2.58	
Toluene*	<0.050	0.050	08/06/2023	ND	2.01	101	2.00	2.64	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.06	103	2.00	4.07	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.16	103	6.00	3.74	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	162	81.1	200	5.91	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	162	80.8	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 61 @ 1' (H234014-69)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99	
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 61 @ 2' (H234014-70)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99		
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 62 @ 1' (H234014-71)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99	
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 62 @ 2' (H234014-72)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99	
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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**Analytical Results For:**

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

Received: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 63 @ 1' (H234014-73)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99		
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 63 @ 2' (H234014-74)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99	
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/03/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 145 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 64 @ 1' (H234014-75)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99	
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	08/03/2023	ND	400	100	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	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 64 @ 2' (H234014-76)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99	
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

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	08/03/2023	ND	400	100	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	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 65 @ 1' (H234014-77)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99	
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/03/2023	ND	400	100	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	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 65 @ 2' (H234014-78)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99	
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	08/03/2023	ND	400	100	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	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 66 @ 1' (H234014-79)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99	
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	08/03/2023	ND	400	100	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	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 66 @ 2' (H234014-80)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99		
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76		
Total BTX	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/03/2023	ND	400	100	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	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 67 @ 1' (H234014-81)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99	
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/03/2023	ND	400	100	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	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 67 @ 2' (H234014-82)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99		
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	08/03/2023	ND	400	100	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	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 68 @ 1' (H234014-83)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99		
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	08/03/2023	ND	400	100	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	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 68 @ 2' (H234014-84)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99	
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/03/2023	ND	400	100	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	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 69 @ 1' (H234014-85)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99	
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	08/03/2023	ND	400	100	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	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 69 @ 2' (H234014-86)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99		
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	08/03/2023	ND	400	100	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	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 70 @ 1' (H234014-87)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99	
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

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	08/03/2023	ND	400	100	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	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 70 @ 2' (H234014-88)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	2.99	
Toluene*	<0.050	0.050	08/06/2023	ND	2.03	102	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	3.94	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.22	104	6.00	2.76	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	08/03/2023	ND	400	100	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	08/03/2023	ND	156	78.1	200	2.76	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	177	88.3	200	0.933	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 71 @ 1' (H234014-89)**

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	08/05/2023	ND	1.95	97.6	2.00	6.80		
Toluene*	<0.050	0.050	08/05/2023	ND	1.84	92.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.82	91.2	2.00	6.76		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.57	92.8	6.00	7.51		
Total BTEx	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

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	08/03/2023	ND	400	100	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	08/03/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 71 @ 2' (H234014-90)**

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	08/05/2023	ND	1.95	97.6	2.00	6.80		
Toluene*	<0.050	0.050	08/05/2023	ND	1.84	92.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	1.82	91.2	2.00	6.76		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	5.57	92.8	6.00	7.51		
Total BTEx	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/03/2023	ND	400	100	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	08/03/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 68.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

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 "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

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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: Zip:											
Project Name: NHU 32-141 (10/20/14)		Phone #:											
Project Location: New Mexico		Fax #:											
Sampler Name: SIMON RENDON													
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 :									
				DATE		TIME							
H234014		BOTTOM SAMPLE 27@1'		7/21/23		8:28AM		✓		✓		✓	
1		BOTTOM SAMPLE 27@2'		7/21/23		8:43AM		✓		✓		✓	
2		BOTTOM SAMPLE 28@1'		7/21/23		9:02AM		✓		✓		✓	
3		BOTTOM SAMPLE 28@2'		7/21/23		9:22AM		✓		✓		✓	
4		BOTTOM SAMPLE 29@1'		7/21/23		9:41AM		✓		✓		✓	
5		BOTTOM SAMPLE 29@2'		7/21/23		9:58AM		✓		✓		✓	
6		BOTTOM SAMPLE 30@1'		7/21/23		10:16AM		✓		✓		✓	
7		BOTTOM SAMPLE 30@2'		7/21/23		10:35AM		✓		✓		✓	
8		BOTTOM SAMPLE 31@1'		7/21/23		10:51AM		✓		✓		✓	
9		BOTTOM SAMPLE 31@2'		7/21/23		11:09AM		✓		✓		✓	
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Relinquished By:		Date: 7-31-23		Received By:		Date: 7/14/23		Time: 11:45		Sample Condition: <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) YB	
Relinquished By:		Time:		Received By:		Time:							
Delivered By: (Circle One)		Sampler - UPS - Bus - Other: -120		#140									
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476													





## ORDINAL LABORATORIES

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## 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		Address:					
Phone #: 575-397-6388		City:					
Fax #: 575-397-0397		State:					
Project #:		Zip:					
Project Name: NHU 32-141 (10/20/14)		Phone #:					
Project Location: New Mexico		Fax #:					
Sample Name: SIMON RENDON		PRESERV		SAMPLING			
FOR LAB USE ONLY							
Lab I.D.		Sample I.D.					
H234014		(G)RAB OR (C)OMP.					
		# CONTAINERS					
		GROUNDWATER					
		WASTEWATER					
		SOIL					
		OIL					
		SLUDGE					
		OTHER :					
		ACID/BASE:					
		ICE / COOL					
		OTHER :					
11		DATE		TIME			
BOTTOM SAMPLE 32@1'		7/21/23		11:19AM		✓	
12		7/21/23		11:34AM		✓	
BOTTOM SAMPLE 32@2'		7/21/23		11:51AM		✓	
13		7/21/23		12:09PM		✓	
BOTTOM SAMPLE 33@1'		7/21/23		12:51PM		✓	
14		7/21/23		1:11PM		✓	
BOTTOM SAMPLE 33@2'		7/21/23		1:27PM		✓	
15		7/21/23		1:44PM		✓	
BOTTOM SAMPLE 34@1'		7/21/23		2:04PM		✓	
16		7/21/23		2:21PM		✓	
BOTTOM SAMPLE 34@2'							
17							
BOTTOM SAMPLE 35@1'							
18							
BOTTOM SAMPLE 35@2'							
19							
BOTTOM SAMPLE 36@1'							
20							
BOTTOM SAMPLE 36@2'							
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Relinquished By:		Date: 7-31-23		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Relinquished By:		Time: 1:45		Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Delivered By: (Circle One)		#140		Sample Condition		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		-1200		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Add'l Phone #: Add'l Fax #:	
				Yes <input type="checkbox"/> No <input type="checkbox"/>			
				No <input type="checkbox"/> Yes <input type="checkbox"/>			
				Yes <input type="checkbox"/> No <input type="checkbox"/>			
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				No <input type="checkbox"/> Yes <input type="checkbox"/>			
				Yes <input type="checkbox"/> No <input type="checkbox"/>			





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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.						P.O. #:						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											
Project #:						City:											
Project Name: NHU 32-141 (10/20/14)						State: Zip:											
Project Location: New Mexico						Phone #:											
Sample Name: SIMON RENDON						Fax #:											
FOR LAB USE ONLY						MATRIX						PRESERV					
Lab I.D.						(G)RAB OR (C)OMP.						DATE					
Sample I.D.						# CONTAINERS						TIME					
						GROUNDWATER											
						WASTEWATER											
						SOIL											
						OIL											
						SLUDGE											
						OTHER :											
						ACID/BASE:											
						ICE / COOL											
						OTHER :											
H234014						BOTTOM SAMPLE 37@'1'						7/21/23 2:37PM ✓ CL					
21						BOTTOM SAMPLE 37@2'						7/21/23 2:55PM ✓ BTEX					
22						BOTTOM SAMPLE 38@'1'						7/21/23 3:16PM ✓ TPH EXT					
23						BOTTOM SAMPLE 38@2'						7/21/23 3:34PM ✓					
24						BOTTOM SAMPLE 39@'1'						7/21/23 3:51PM ✓					
25						BOTTOM SAMPLE 39@2'						7/21/23 4:11PM ✓					
26						BOTTOM SAMPLE 40@'1'						7/21/23 4:27PM ✓					
27						BOTTOM SAMPLE 40@2'						7/21/23 4:42PM ✓					
28						BOTTOM SAMPLE 41@'1'						7/21/23 7:35AM ✓					
29						BOTTOM SAMPLE 41@2'						7/21/23 7:49AM ✓					
30						BOTTOM SAMPLE 41@2'											
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Relinquished By: [Signature]						Date: 7-31-23						Received By: [Signature]					
Time: 1:45						Date: 7-31-23						Time: 1:45					
Relinquished By: [Signature]						Date: 7-31-23						Received By: [Signature]					
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -12.0°C						#140 Sample Condition <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No						CHECKED BY: [Signature] (Initials)					

Page 95 of 101



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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>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>Project Name:</b> NHU 32-141 (10/20/14)		<b>Zip:</b>																	
<b>Project Location:</b> New Mexico		<b>Phone #:</b>																	
<b>Sampler Name:</b> SIMON RENDON		<b>Fax #:</b>																	
<small>FOR LAB USE ONLY</small>		<b>MATRIX</b>		<b>PRESERV.</b>		<b>SAMPLING</b>													
		<input type="checkbox"/> RAB OR <input type="checkbox"/> COMP.																	
		<input type="checkbox"/> CONTAINERS																	
		<input type="checkbox"/> GROUNDWATER																	
		<input type="checkbox"/> WASTEWATER																	
		<input type="checkbox"/> SOIL																	
		<input type="checkbox"/> OIL																	
		<input type="checkbox"/> SLUDGE																	
		<input type="checkbox"/> OTHER :																	
		<input type="checkbox"/> ACID/BASE:																	
		<input type="checkbox"/> ICE / COOL																	
		<input type="checkbox"/> OTHER :																	
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>DATE</b>		<b>TIME</b>													
H234014		BOTTOM SAMPLE 42@1'		7/24/23		8:02AM		✓											
31		BOTTOM SAMPLE 42@2'		7/24/23		8:20AM		✓											
32		BOTTOM SAMPLE 43@1'		7/24/23		8:43AM		✓											
33		BOTTOM SAMPLE 43@2'		7/24/23		8:57AM		✓											
34		BOTTOM SAMPLE 44@1'		7/24/23		9:12AM		✓											
35		BOTTOM SAMPLE 44@2'		7/24/23		9:28AM		✓											
36		BOTTOM SAMPLE 45@1'		7/24/23		9:42AM		✓											
37		BOTTOM SAMPLE 45@2'		7/24/23		9:56AM		✓											
38		BOTTOM SAMPLE 46@1'		7/24/23		10:12AM		✓											
39		BOTTOM SAMPLE 46@2'		7/24/23		10:29AM		✓											
40																			
<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 analysis. 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> 7/31/23		<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>Time:</b> 1145		<b>Received By:</b>		<b>Fax Result:</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Add'l Fax #:</b>									
<b>Delivered By:</b> (Circle One)		<b>Sample Condition</b>		<b>CHECKED BY:</b>		<b>REMARKS:</b>													
Sampler - UPS - Bus - Other: -1200		<input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		#440		AP													

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





## ORDINAL 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:																																																											
State: NM Zip: 88241																																																																					
Phone #: 575-397-6388 Fax #: 575-397-0397										Address:																																																											
Project #:										City:																																																											
Project Name: NHU 32-141 (10/20/14)										State: Zip:																																																											
Project Location: New Mexico										Phone #:																																																											
Sample Name: SIMON RENDON										Fax #:																																																											
FORM LAB USE ONLY										MATRIX										PRESERV										SAMPLING																																							
Lab I.D.										Sample I.D.																																																											
H234014																																																																					
41										BOTTOM SAMPLE 47@1'										DATE										TIME										CL										BTEX										TPH EXT									
42										BOTTOM SAMPLE 47@2'										7/24/23										10:44AM										✓										✓										✓									
43										BOTTOM SAMPLE 48@1'										7/24/23										10:58AM										✓										✓										✓									
44										BOTTOM SAMPLE 48@2'										7/24/23										11:16AM										✓										✓										✓									
45										BOTTOM SAMPLE 49@1'										7/24/23										11:31AM										✓										✓										✓									
46										BOTTOM SAMPLE 49@2'										7/24/23										11:47AM										✓										✓										✓									
47										BOTTOM SAMPLE 49@2'										7/24/23										11:59AM										✓										✓										✓									
48										BOTTOM SAMPLE 50@1'										7/24/23										12:43PM										✓										✓										✓									
49										BOTTOM SAMPLE 50@2'										7/24/23										12:57PM										✓										✓										✓									
50										BOTTOM SAMPLE 51@1'										7/24/23										1:10PM										✓										✓										✓									
50										BOTTOM SAMPLE 51@2'										7/24/23										1:23PM										✓										✓										✓									
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Relinquished By: [Signature]										Date: 7-31-23										Received By: [Signature]										Phone Result: [ ] Yes [ ] No										Add'l Phone #: [ ]																													
Relinquished By: [Signature]										Date: 7/14/23										Received By: [Signature]										Fax Result: [ ] Yes [ ] No										Add'l Fax #: [ ]																													
Delivered By: (Circle One)										#140										Sample Condition										CHECKED BY: (Initials)																																							
Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No										Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																																											
Sampler - UPS - Bus - Other:										-13.0°C																																																											



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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 98 of 101





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


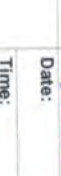



<b>Company Name:</b> BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>					
<b>Project Manager:</b> Cliff Brunson				<b>P.O. #:</b>									
<b>Address:</b> P.O. Box 805				<b>Company:</b> Oxy									
<b>City:</b> Hobbs				<b>Attn:</b>									
<b>State:</b> NM <b>Zip:</b> 88241				<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> NHU 32-141 (10/20/14)				<b>Phone #:</b>									
<b>Project Location:</b> New Mexico				<b>Fax #:</b>									
<b>Sampler Name:</b> SIMON RENDON													
<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>											
7/24/23		4:31PM		✓		✓		✓					
7/24/23		4:46PM		✓		✓		✓					
7/25/23		7:35AM		✓		✓		✓					
7/25/23		7:51AM		✓		✓		✓					
7/25/23		8:03AM		✓		✓		✓					
7/25/23		8:16AM		✓		✓		✓					
7/25/23		8:29AM		✓		✓		✓					
7/25/23		8:45AM		✓		✓		✓					
7/25/23		8:57AM		✓		✓		✓					
7/25/23		9:14AM		✓		✓		✓					
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<b>Relinquished By:</b>				<b>Date:</b> 7-31-23 <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>Time:</b> 7:45 <b>Received By:</b>				<b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b>					
<b>Date:</b> 7/14/23													
<b>Time:</b>													
<b>Delivered By:</b> (Circle One)				<b>Sample Condition</b>				<b>CHECKED BY:</b>					
<b>Sampler - UPS - Bus - Other:</b>				<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact				<b>(Initials)</b>					
				<input type="checkbox"/> Yes <input type="checkbox"/> No									
				<input type="checkbox"/> No <input type="checkbox"/> Yes									

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



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### 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 Owner:</b> Oxy <b>Project Name:</b> NHU 32-141 (10/20/14) <b>Project Location:</b> New Mexico <b>Sample Name:</b> SIMON RENDON				<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>			
FOR LAB USE ONLY							
<b>Lab I.D.</b>  H234014 71 72 73 74 75 76 77 78 79 80	<b>Sample I.D.</b>  BOTTOM SAMPLE 62@1' BOTTOM SAMPLE 62@2' BOTTOM SAMPLE 63@1' BOTTOM SAMPLE 63@2' BOTTOM SAMPLE 64@1' BOTTOM SAMPLE 64@2' BOTTOM SAMPLE 65@1' BOTTOM SAMPLE 65@2' BOTTOM SAMPLE 66@1' BOTTOM SAMPLE 66@2'	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERV. SAMPLING	<b>DATE</b> <b>TIME</b>			
<b>PLEASE NOTE:</b> Liability and Damages: Cardholder's liability and client's exclusive remedy for any claim arising within stated in contract or that shall be limited to the amount paid by the client for the analysis. 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.							
<b>Relinquished By:</b>  <b>Date:</b> 7-31-23 <b>Received By:</b> 				<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b>			
<b>Relinquished By:</b>  <b>Date:</b> 7/14/5 <b>Received By:</b> 				<b>REMARKS:</b>			
<b>Delivered By:</b> (Circle One) <b>#140</b> <b>Sampler - UPS - Bus - Other:</b> <b>-130°C</b>				<b>Sample Condition:</b> Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <b>CHECKED BY:</b> 			





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>Phone #:</b> 575-397-6388 <b>Project #:</b>										<b>BILL TO</b> <b>P.O. #:</b> <b>Company:</b> Oxy <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> Zip:									
<b>State:</b> NM <b>Zip:</b> 88241 <b>Fax #:</b> 575-397-0397 <b>Project Owner:</b> Oxy																			
<b>Project Name:</b> NHU 32-141 (10/20/14) <b>Project Location:</b> New Mexico										<b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>									
<b>Sampler Name:</b> SIMON RENDON										<b>FOR LAB USE ONLY</b>									

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	CL	BTEX	TPH	EXT.
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :								
H234014	BOTTOM SAMPLE 67@1'											7/25/23	11:53AM	✓	✓	✓	
81	BOTTOM SAMPLE 67@2'											7/25/23	12:06PM	✓	✓	✓	
82	BOTTOM SAMPLE 68@1'											7/25/23	12:44PM	✓	✓	✓	
83	BOTTOM SAMPLE 68@2'											7/25/23	12:57PM	✓	✓	✓	
84	BOTTOM SAMPLE 69@1'											7/25/23	1:11PM	✓	✓	✓	
85	BOTTOM SAMPLE 69@2'											7/25/23	1:24PM	✓	✓	✓	
86	BOTTOM SAMPLE 70@1'											7/25/23	1:38PM	✓	✓	✓	
87	BOTTOM SAMPLE 70@2'											7/25/23	1:52PM	✓	✓	✓	
88	BOTTOM SAMPLE 71@1'											7/25/23	2:09PM	✓	✓	✓	
89	BOTTOM SAMPLE 71@2'											7/25/23	2:23PM	✓	✓	✓	

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<b>Relinquished By:</b>		<b>Date:</b> 7-31-23		<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> 7-31-23		<b>Received By:</b>		<b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b>	
<b>REMARKS:</b>							

**Delivered By:** (Circle One) **Sampler - UPS - Bus - Other:**

**Sample Condition:** ☒ Cool ☐ Intact ☐ Yes ☐ No

**CHECKED BY:** (Initials)



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

---

August 07, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NHU 32-141

Enclosed are the results of analyses for samples received by the laboratory on 07/31/23 11:45.

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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 72 @ 1' (H234015-01)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.05	103	2.00	0.197	
Toluene*	<0.025	0.025	08/04/2023	ND	2.03	101	2.00	0.548	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.05	102	2.00	0.691	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.53	109	6.00	1.01	
Total BTEX	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 95.8 % 86.7-111

Surrogate: Toluene-d8 102 % 89.3-110

Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/03/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 72 @ 2' (H234015-02)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.05	103	2.00	0.197	
Toluene*	<0.025	0.025	08/04/2023	ND	2.03	101	2.00	0.548	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.05	102	2.00	0.691	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.53	109	6.00	1.01	
Total BTX	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 96.2 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

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	08/04/2023	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	08/03/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 73 @ 1' (H234015-03)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.05	103	2.00	0.197	
Toluene*	<0.025	0.025	08/04/2023	ND	2.03	101	2.00	0.548	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.05	102	2.00	0.691	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.53	109	6.00	1.01	
Total BTX	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 97.4 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/04/2023	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	08/03/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 73 @ 2' (H234015-04)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.05	103	2.00	0.197	
Toluene*	<0.025	0.025	08/04/2023	ND	2.03	101	2.00	0.548	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.05	102	2.00	0.691	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.53	109	6.00	1.01	
Total BTX	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 96.5 % 86.7-111  
 Surrogate: Toluene-d8 103 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/04/2023	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	08/03/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 74 @ 1' (H234015-05)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.05	103	2.00	0.197	
Toluene*	<0.025	0.025	08/04/2023	ND	2.03	101	2.00	0.548	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.05	102	2.00	0.691	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.53	109	6.00	1.01	
Total BTX	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 94.9 % 86.7-111  
 Surrogate: Toluene-d8 103 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/03/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 74 @ 2' (H234015-06)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.05	103	2.00	0.197	
Toluene*	<0.025	0.025	08/04/2023	ND	2.03	101	2.00	0.548	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.05	102	2.00	0.691	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.53	109	6.00	1.01	
Total BTEx	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 96.8 % 86.7-111  
 Surrogate: Toluene-d8 103 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 75 @ 1' (H234015-07)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.05	103	2.00	0.197	
Toluene*	<0.025	0.025	08/04/2023	ND	2.03	101	2.00	0.548	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.05	102	2.00	0.691	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.53	109	6.00	1.01	
Total BTEx	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 94.2 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 75 @ 2' (H234015-08)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761	
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75	
Total BTX	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 96.0 % 86.7-111  
 Surrogate: Toluene-d8 103 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 76 @ 1' (H234015-09)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/06/2023	ND	0.509	102	0.500	0.406	
Toluene*	<0.025	0.025	08/06/2023	ND	0.507	101	0.500	1.02	
Ethylbenzene*	<0.025	0.025	08/06/2023	ND	0.511	102	0.500	1.77	
Total Xylenes*	<0.075	0.075	08/06/2023	ND	1.57	104	1.50	0.345	
Total BTEx	<0.150	0.150	08/06/2023	ND					

Surrogate: Dibromofluoromethane 97.2 % 86.7-111

Surrogate: Toluene-d8 102 % 89.3-110

Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/04/2023	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	08/04/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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  
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 Fax To: (575) 397-0397

Received: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/25/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 76 @ 2' (H234015-10)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761	
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75	
Total BTX	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 94.9 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 77 @ 1' (H234015-11)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761	
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75	
Total BTEx	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 95.4 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 77 @ 2' (H234015-12)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761	
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75	
Total BTX	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 93.5 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 78 @ 1' (H234015-13)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761	
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75	
Total BTEx	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 96.7 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 78 @ 2' (H234015-14)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761	
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75	
Total BTEx	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 88.1 % 86.7-111  
 Surrogate: Toluene-d8 103 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 99.2 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 79 @ 1' (H234015-15)**

BTEx 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761		
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953		
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471		
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75		
Total BTEx	<0.150	0.150	08/04/2023	ND						

Surrogate: Dibromofluoromethane 95.0 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 102 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 79 @ 2' (H234015-16)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761	
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75	
Total BTX	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 95.1 % 86.7-111  
 Surrogate: Toluene-d8 103 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	175	87.6	200	3.59	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	180	90.0	200	5.89	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 80 @ 1' (H234015-17)**

BTEx 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761		
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953		
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471		
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75		
Total BTEx	<0.150	0.150	08/04/2023	ND						

Surrogate: Dibromofluoromethane 94.1 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	173	86.5	200	9.99	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	189	94.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 80 @ 2' (H234015-18)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761	
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75	
Total BTEx	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 95.9 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	173	86.5	200	9.99		
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	189	94.7	200	10.7		
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 81 @ 1' (H234015-19)****BTEX 8260B****mg/kg****Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761	
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75	
Total BTEX	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 96.1 % 86.7-111

Surrogate: Toluene-d8 101 % 89.3-110

Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

**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	08/04/2023	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	08/04/2023	ND	173	86.5	200	9.99	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	189	94.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 81 @ 2' (H234015-20)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761	
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75	
Total BTEx	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 97.7 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	173	86.5	200	9.99	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	189	94.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 82 @ 1' (H234015-21)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761	
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75	
Total BTEx	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 95.2 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	173	86.5	200	9.99	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	189	94.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 82 @ 2' (H234015-22)**

BTEx 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761		
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953		
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471		
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75		
Total BTEx	<0.150	0.150	08/04/2023	ND						

Surrogate: Dibromofluoromethane 96.8 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	173	86.5	200	9.99	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	189	94.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 83 @ 1' (H234015-23)**

BTEx 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761		
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953		
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471		
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75		
Total BTEx	<0.150	0.150	08/04/2023	ND						

Surrogate: Dibromofluoromethane 94.2 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	173	86.5	200	9.99	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	189	94.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 83 @ 2' (H234015-24)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761	
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75	
Total BTEX	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 95.8 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	173	86.5	200	9.99	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	189	94.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 84 @ 1' (H234015-25)**

BTEx 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761		
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953		
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471		
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75		
Total BTEx	<0.150	0.150	08/04/2023	ND						

Surrogate: Dibromofluoromethane 95.2 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	173	86.5	200	9.99	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	189	94.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 84 @ 2' (H234015-26)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761	
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75	
Total BTEx	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 96.0 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 107 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	173	86.5	200	9.99	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	189	94.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 85 @ 1' (H234015-27)**

BTEx 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761		
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953		
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471		
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75		
Total BTEx	<0.150	0.150	08/04/2023	ND						

Surrogate: Dibromofluoromethane 95.4 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/04/2023	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	08/04/2023	ND	173	86.5	200	9.99	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	189	94.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 85 @ 2' (H234015-28)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/04/2023	ND	2.09	105	2.00	0.761	
Toluene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.953	
Ethylbenzene*	<0.025	0.025	08/04/2023	ND	2.10	105	2.00	0.471	
Total Xylenes*	<0.075	0.075	08/04/2023	ND	6.82	114	6.00	1.75	
Total BTX	<0.150	0.150	08/04/2023	ND					

Surrogate: Dibromofluoromethane 96.3 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/04/2023	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	08/04/2023	ND	173	86.5	200	9.99	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	189	94.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 86 @ 1' (H234015-29)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21	
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 96.7 % 86.7-111  
 Surrogate: Toluene-d8 99.8 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	173	86.5	200	9.99	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	189	94.7	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 142 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 157 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 86 @ 2' (H234015-30)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21	
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 97.5 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 87 @ 1' (H234015-31)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21	
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 95.9 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 87 @ 2' (H234015-32)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21	
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 95.6 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 88 @ 1' (H234015-33)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21	
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 97.9 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 88 @ 2' (H234015-34)**

BTEx 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21		
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55		
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44		
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99		
Total BTEx	<0.150	0.150	08/05/2023	ND						

Surrogate: Dibromofluoromethane 97.0 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 89 @ 1' (H234015-35)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21	
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 96.1 % 86.7-111  
 Surrogate: Toluene-d8 98.9 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 89 @ 2' (H234015-36)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21	
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 94.9 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 90 @ 1' (H234015-37)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21	
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99	
Total BTEX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 96.5 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 90 @ 2' (H234015-38)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21	
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 95.8 % 86.7-111  
 Surrogate: Toluene-d8 98.9 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 151 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 91 @ 1' (H234015-39)**

BTEx 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21		
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55		
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44		
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99		
Total BTEx	<0.150	0.150	08/05/2023	ND						

Surrogate: Dibromofluoromethane 98.1 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 91 @ 2' (H234015-40)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21	
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 95.9 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 92 @ 1' (H234015-41)**

BTEX 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21		
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55		
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44		
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99		
Total BTEX	<0.150	0.150	08/05/2023	ND						

Surrogate: Dibromofluoromethane 97.1 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 92 @ 2' (H234015-42)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21	
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 95.4 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 93 @ 1' (H234015-43)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21	
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 95.3 % 86.7-111  
 Surrogate: Toluene-d8 99.8 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 102 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 93 @ 2' (H234015-44)**

BTEx 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21		
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55		
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44		
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99		
Total BTEx	<0.150	0.150	08/05/2023	ND						

Surrogate: Dibromofluoromethane 95.9 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 94 @ 1' (H234015-45)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21	
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 97.3 % 86.7-111  
 Surrogate: Toluene-d8 99.6 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29		
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73		
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND						

Surrogate: 1-Chlorooctane 117 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 94 @ 2' (H234015-46)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21	
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 95.8 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 95 @ 1' (H234015-47)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21	
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 98.0 % 86.7-111  
 Surrogate: Toluene-d8 99.0 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 95 @ 2' (H234015-48)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.03	101	2.00	1.21	
Toluene*	<0.025	0.025	08/05/2023	ND	1.93	96.4	2.00	4.55	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	1.98	99.0	2.00	3.44	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.45	108	6.00	1.99	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 95.4 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 96 @ 1' (H234015-49)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13	
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 96.4 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	177	88.6	200	7.29		
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	178	89.1	200	8.73		
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND						

Surrogate: 1-Chlorooctane 115 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 96 @ 2' (H234015-50)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13	
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 98.5 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/03/2023	ND	184	92.0	200	8.08	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	194	96.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 97 @ 1' (H234015-51)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13	
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 95.4 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

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	08/04/2023	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	08/03/2023	ND	184	92.0	200	8.08	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	194	96.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 97 @ 2' (H234015-52)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13	
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 97.0 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/03/2023	ND	184	92.0	200	8.08	
DRO >C10-C28*	<10.0	10.0	08/03/2023	ND	194	96.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	08/03/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 98 @ 1' (H234015-53)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13	
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 98.1 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 106 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	184	92.0	200	8.08		
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	194	96.9	200	12.6		
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 98 @ 2' (H234015-54)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13	
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 95.4 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	184	92.0	200	8.08	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	194	96.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 99 @ 1' (H234015-55)**

BTEX 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13		
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54		
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43		
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17		
Total BTEX	<0.150	0.150	08/05/2023	ND						

Surrogate: Dibromofluoromethane 96.5 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	184	92.0	200	8.08	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	194	96.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 99 @ 2' (H234015-56)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13	
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 94.7 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	184	92.0	200	8.08	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	194	96.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 100 @ 1' (H234015-57)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13	
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 96.8 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	184	92.0	200	8.08	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	194	96.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 100 @ 2' (H234015-58)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13	
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 97.2 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	184	92.0	200	8.08	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	194	96.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 101 @ 1' (H234015-59)**

BTEx 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13		
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54		
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43		
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17		
Total BTEx	<0.150	0.150	08/05/2023	ND						

Surrogate: Dibromofluoromethane 95.7 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	184	92.0	200	8.08	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	194	96.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 101 @ 2' (H234015-60)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13	
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 96.7 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	184	92.0	200	8.08	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	194	96.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 102 @ 1' (H234015-61)**

BTEx 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13		
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54		
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43		
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17		
Total BTEx	<0.150	0.150	08/05/2023	ND						

Surrogate: Dibromofluoromethane 94.2 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 102 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	184	92.0	200	8.08	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	194	96.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 102 @ 2' (H234015-62)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13	
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 96.1 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	184	92.0	200	8.08		
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	194	96.9	200	12.6		
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND						

Surrogate: 1-Chlorooctane 85.4 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 103 @ 1' (H234015-63)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13	
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 95.0 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	184	92.0	200	8.08	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	194	96.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 103 @ 2' (H234015-64)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/06/2023	ND	0.509	102	0.500	0.406	
Toluene*	<0.025	0.025	08/06/2023	ND	0.507	101	0.500	1.02	
Ethylbenzene*	<0.025	0.025	08/06/2023	ND	0.511	102	0.500	1.77	
Total Xylenes*	<0.075	0.075	08/06/2023	ND	1.57	104	1.50	0.345	
Total BTX	<0.150	0.150	08/06/2023	ND					

Surrogate: Dibromofluoromethane 97.1 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	184	92.0	200	8.08	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	194	96.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 104 @ 1' (H234015-65)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13	
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 96.1 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	184	92.0	200	8.08	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	194	96.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 70.3 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 104 @ 2' (H234015-66)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13	
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 98.1 % 86.7-111  
 Surrogate: Toluene-d8 99.6 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	184	92.0	200	8.08		
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	194	96.9	200	12.6		
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND						

Surrogate: 1-Chlorooctane 87.8 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 105 @ 1' (H234015-67)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13	
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 97.2 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	184	92.0	200	8.08		
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	194	96.9	200	12.6		
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND						

Surrogate: 1-Chlorooctane 98.1 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 105 @ 2' (H234015-68)**

BTEx 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13		
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54		
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43		
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17		
Total BTEx	<0.150	0.150	08/05/2023	ND						

Surrogate: Dibromofluoromethane 96.1 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	184	92.0	200	8.08	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	194	96.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 106 @ 1' (H234015-69)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	1.99	99.3	2.00	5.13	
Toluene*	<0.025	0.025	08/05/2023	ND	2.00	100	2.00	1.54	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.01	100	2.00	3.43	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	6.21	104	6.00	7.17	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 96.6 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	184	92.0	200	8.08	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	194	96.9	200	12.6	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 106 @ 2' (H234015-70)**

BTX 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262		
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67		
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951		
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361		
Total BTX	<0.150	0.150	08/05/2023	ND						

Surrogate: Dibromofluoromethane 97.9 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 107 @ 1' (H234015-71)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262	
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 97.2 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 107 @ 2' (H234015-72)**

BTX 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262		
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67		
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951		
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361		
Total BTX	<0.150	0.150	08/05/2023	ND						

Surrogate: Dibromofluoromethane 96.3 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 108 @ 1' (H234015-73)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262	
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 95.4 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 108 @ 2' (H234015-74)**

BTEx 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262		
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67		
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951		
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361		
Total BTEx	<0.150	0.150	08/05/2023	ND						

Surrogate: Dibromofluoromethane 95.8 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 109 @ 1' (H234015-75)**

BTX 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262		
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67		
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951		
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361		
Total BTX	<0.150	0.150	08/05/2023	ND						

Surrogate: Dibromofluoromethane 96.8 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 109 @ 2' (H234015-76)**

BTX 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262		
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67		
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951		
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361		
Total BTX	<0.150	0.150	08/05/2023	ND						

Surrogate: Dibromofluoromethane 97.7 % 86.7-111  
 Surrogate: Toluene-d8 99.7 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 110 @ 1' (H234015-77)**

BTX 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262		
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67		
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951		
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361		
Total BTX	<0.150	0.150	08/05/2023	ND						

Surrogate: Dibromofluoromethane 93.6 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 110 @ 2' (H234015-78)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262	
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 95.9 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 1 (H234015-79)**

BTEx 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262		
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67		
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951		
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361		
Total BTEx	<0.150	0.150	08/05/2023	ND						

Surrogate: Dibromofluoromethane 96.1 % 86.7-111

Surrogate: Toluene-d8 101 % 89.3-110

Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 2 (H234015-80)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262	
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 94.1 % 86.7-111  
 Surrogate: Toluene-d8 102 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 3 (H234015-81)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262	
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 96.9 % 86.7-111

Surrogate: Toluene-d8 101 % 89.3-110

Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 4 (H234015-82)**

BTEx 8260B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262		
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67		
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951		
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361		
Total BTEx	<0.150	0.150	08/05/2023	ND						

Surrogate: Dibromofluoromethane 96.3 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 5 (H234015-83)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262	
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 98.3 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 102 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 6 (H234015-84)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262	
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 96.2 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 7 (H234015-85)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262	
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 97.3 % 86.7-111  
 Surrogate: Toluene-d8 100 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 104 % 88.2-108

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	08/04/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 134 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 155 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 8 (H234015-86)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262	
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361	
Total BTEX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 93.5 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 102 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 9 (H234015-87)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262	
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361	
Total BTX	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 94.4 % 86.7-111  
 Surrogate: Toluene-d8 99.4 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 103 % 88.2-108

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	08/04/2023	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	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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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: 07/31/2023  
 Reported: 08/07/2023  
 Project Name: NHU 32-141  
 Project Number: ( 10/20/14 )  
 Project Location: OXY - NEW MEXICO

Sampling Date: 07/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SIDEWALL 10 (H234015-88)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	08/05/2023	ND	2.14	107	2.00	0.262	
Toluene*	<0.025	0.025	08/05/2023	ND	2.15	108	2.00	1.67	
Ethylbenzene*	<0.025	0.025	08/05/2023	ND	2.22	111	2.00	0.951	
Total Xylenes*	<0.075	0.075	08/05/2023	ND	7.11	119	6.00	0.361	
Total BTEx	<0.150	0.150	08/05/2023	ND					

Surrogate: Dibromofluoromethane 95.5 % 86.7-111  
 Surrogate: Toluene-d8 101 % 89.3-110  
 Surrogate: 4-Bromofluorobenzene 105 % 88.2-108

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	08/04/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	190	94.8	200	6.63	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	210	105	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134  
 Surrogate: 1-Chlorooctadecane 151 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



---

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### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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



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

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

† Cardinal cannot accept verbal changes. Please fax written changes to 505-555-2777.





**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>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> NHU 32-141 (10/20/14)				<b>Phone #:</b>											
<b>Project Location:</b> New Mexico				<b>Fax #:</b>											
<b>Sampler Name:</b> SIMON RENDON															
<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>			
								<b>GROUNDWATER</b>							
								<b>WASTEWATER</b>							
								<b>SOIL</b>							
								<b>OIL</b>							
								<b>SLUDGE</b>							
								<b>OTHER :</b>							
								<b>ACID/BASE:</b>							
								<b>ICE / COOL</b>							
								<b>OTHER :</b>							
								<b>DATE</b>		<b>TIME</b>					
11		BOTTOM SAMPLE 77@1'		7/26/23		7:30AM		✓		✓		✓			
12		BOTTOM SAMPLE 77@2'		7/26/23		7:44AM		✓		✓		✓			
13		BOTTOM SAMPLE 78@1'		7/26/23		7:57AM		✓		✓		✓			
14		BOTTOM SAMPLE 78@2'		7/26/23		8:09AM		✓		✓		✓			
15		BOTTOM SAMPLE 79@1'		7/26/23		8:22AM		✓		✓		✓			
16		BOTTOM SAMPLE 79@2'		7/26/23		8:37AM		✓		✓		✓			
17		BOTTOM SAMPLE 80@1'		7/26/23		8:57AM		✓		✓		✓			
18		BOTTOM SAMPLE 80@2'		7/26/23		9:03AM		✓		✓		✓			
19		BOTTOM SAMPLE 81@1'		7/26/23		9:16AM		✓		✓		✓			
20		BOTTOM SAMPLE 81@2'		7/26/23		9:28AM		✓		✓		✓			
<b>PLEASE NOTE:</b> Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether stated in contract or not, shall be limited to the amount paid by the client for the service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, 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 theories of recovery.															
<b>Relinquished By:</b>				<b>Date:</b> 7-31-23				<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> 7/14/23				<b>Received By:</b>				<b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b>			
<b>Delivered By:</b> (Circle One)				<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>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>				<b>(Initials)</b>							



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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>Project Manager:</b> Cliff Brunson <b>Address:</b> P.O. Box 805 <b>City:</b> Hobbs <b>Phone #:</b> 575-397-6388 <b>Project #:</b> <b>Project Name:</b> NHU 32-141 (10/20/14) <b>Project Location:</b> New Mexico <b>Sample Name:</b> SIMON RENDON				<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>			
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 :			
				DATE	TIME		
H234015	BOTTOM SAMPLE 82@1'			7/26/23	9:42AM	✓	CL
21	BOTTOM SAMPLE 82@2'			7/26/23	9:56AM	✓	BTEX
22	BOTTOM SAMPLE 83@1'			7/26/23	10:16AM	✓	TPH EXT
23	BOTTOM SAMPLE 83@2'			7/26/23	10:33AM	✓	
24	BOTTOM SAMPLE 84@1'			7/26/23	10:46AM	✓	
25	BOTTOM SAMPLE 84@2'			7/26/23	10:58AM	✓	
26	BOTTOM SAMPLE 85@1'			7/26/23	11:12AM	✓	
27	BOTTOM SAMPLE 85@2'			7/26/23	11:26AM	✓	
28	BOTTOM SAMPLE 86@1'			7/26/23	11:41AM	✓	
29	BOTTOM SAMPLE 86@2'			7/26/23	11:55AM	✓	
30	BOTTOM SAMPLE 86@2'						

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's recovery 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 causes 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. Signature of client is required to release this claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]* Date: 7/31/23 Received By: *[Signature]* Date: 7/14/23  
 Relinquished By: *[Signature]* Date: Time: Received By: *[Signature]* Date: Time:

Delivered By: (Circle One) *#140* Sample Condition ☒ Intact ☐ Cool ☐ Yes ☐ No ☐ Yes ☐ No  
 Sampler - UPS - Bus - Other: *-18.0C* CHECKED BY: *[Signature]* (Initials)

REMARKS: *CL BTEX TPH EXT*

Phone Result: ☐ Yes ☐ No Add'l Phone #:   
 Fax Result: ☐ Yes ☐ No Add'l Fax #:   
 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>				ANALYSIS REQUEST			
Project Manager: Cliff Brunson				P.O. #:							
Address: P.O. Box 805				Company: Oxy							
City: Hobbs				Attn:							
State: NM Zip: 88241				Address:							
Phone #: 575-397-6388 Fax #: 575-397-0397				City:							
Project #: Project Owner: Oxy				State: Zip:							
Project Name: NHU 32-141 (10/20/14)				Phone #:							
Project Location: New Mexico				Fax #:							
Sampler Name: SIMON RENDON				PRESERV				SAMPLING			
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 :			
		DATE	TIME								
1434015	BOTTOM SAMPLE 87@1'	7/26/23	12:42PM	✓	✓	✓	✓	✓	✓	✓	✓
31	BOTTOM SAMPLE 87@2'	7/26/23	12:57PM	✓	✓	✓	✓	✓	✓	✓	✓
32	BOTTOM SAMPLE 88@1'	7/26/23	1:14PM	✓	✓	✓	✓	✓	✓	✓	✓
33	BOTTOM SAMPLE 88@2'	7/26/23	1:29PM	✓	✓	✓	✓	✓	✓	✓	✓
34	BOTTOM SAMPLE 89@1'	7/26/23	1:42PM	✓	✓	✓	✓	✓	✓	✓	✓
35	BOTTOM SAMPLE 89@2'	7/26/23	1:58PM	✓	✓	✓	✓	✓	✓	✓	✓
36	BOTTOM SAMPLE 90@1'	7/26/23	2:14PM	✓	✓	✓	✓	✓	✓	✓	✓
37	BOTTOM SAMPLE 90@2'	7/26/23	2:31PM	✓	✓	✓	✓	✓	✓	✓	✓
38	BOTTOM SAMPLE 91@1'	7/26/23	2:48PM	✓	✓	✓	✓	✓	✓	✓	✓
39	BOTTOM SAMPLE 91@2'	7/26/23	3:04PM	✓	✓	✓	✓	✓	✓	✓	✓
40	BOTTOM SAMPLE 91@2'	7/26/23	3:04PM	✓	✓	✓	✓	✓	✓	✓	✓

PLEASE NOTE: Liability and Damages. Cardinal's liability and carrier's insurance extend only for any claims arising whether based in contract or tort, shall be limited to the amount paid by the client for the services. 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 exceptions or otherwise.

Relinquished By: *[Signature]* Date: 7-31-23 Received By: *[Signature]* Date: 7-31-23

Relinquished By: *[Signature]* Date: 7/14/23 Received By: *[Signature]* Date: 7/14/23

Delivered By: (Circle One) *[Signature]* Sample Condition: ☒ Intact ☐ Cool ☐ Yes ☐ No

Sampler - UPS - Bus - Other: -18.0°C #140 CHECKED BY: *[Signature]* (Initials)

REMARKS: CL BTEX TPH EXT

Phone Result: ☐ Yes ☐ No Add'l Phone #:   
 Fax Result: ☐ Yes ☐ No Add'l Fax #:   
 REMARKS:

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## 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:							
State: NM Zip: 88241				Address:							
Phone #: 575-397-6388 Fax #: 575-397-0397				City:							
Project #:				State: Zip:							
Project Name: NHU 32-141 (10/20/14)				Phone #:							
Project Location: New Mexico				Fax #:							
Sampler Name: SIMON RENDON				PRESERV				SAMPLING			
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							
7/26/23				3:17PM							
7/26/23				3:33PM							
7/26/23				3:47PM							
7/26/23				4:02PM							
7/26/23				4:14PM							
7/26/23				4:25PM							
7/26/23				4:38PM							
7/26/23				4:53PM							

CL  
 BTEX  
 TPH EXT

Relinquished By: Date: 7-31-23  
 Relinquished By: Time: 11:45  
 Received By: Date: 7-31-23  
 Received By: Time: 11:45

Delivered By: (Circle One) Sample Condition  
 Sampler - UPS - Bus - Other: Cool ☒ Intact ☒  
Yes ☒ No ☐

CHECKED BY: (Initials)  
 Phone Result: ☐ Yes ☐ No ☐ Add'l Phone #: Fax Result: ☐ Yes ☐ No ☐ Add'l Fax #:

REMARKS:





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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> NM		<b>Zip:</b> 88241															
<b>Project Name:</b> NHU 32-141 (10/20/14)		<b>Project Owner:</b> Oxy																	
<b>Project Location:</b> New Mexico		<b>State:</b>		<b>Zip:</b>															
<b>Sample Name:</b> SIMON RENDON		<b>Phone #:</b>																	
<b>Fax #:</b>		<b>FOR LAB USE ONLY</b>																	
<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>	<b>DATE</b>	<b>TIME</b>	<b>Chloride</b>	<b>BTEX</b>	<b>IPHEXT</b>								
579	BOTTOM SAMPLE 101@1'						7/27/23	10:04AM	✓	✓	✓								
60	BOTTOM SAMPLE 101@2'						7/27/23	10:22AM	✓	✓	✓								
61	BOTTOM SAMPLE 102@1'						7/27/23	10:37AM	✓	✓	✓								
62	BOTTOM SAMPLE 102@2'						7/27/23	10:52AM	✓	✓	✓								
63	BOTTOM SAMPLE 103@1'						7/27/23	11:08AM	✓	✓	✓								
64	BOTTOM SAMPLE 103@2'						7/27/23	11:20AM	✓	✓	✓								
65	BOTTOM SAMPLE 104@1'						7/27/23	11:35AM	✓	✓	✓								
66	BOTTOM SAMPLE 104@2'						7/27/23	11:49AM	✓	✓	✓								
67	BOTTOM SAMPLE 105@1'						7/27/23	12:04PM	✓	✓	✓								
68	BOTTOM SAMPLE 105@2'						7/27/23	12:40PM	✓	✓	✓								

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**Relinquished By:** [Signature] **Date:** 7-31-23 **Time:** 11:45 **Received By:** [Signature] **Date:** 7-31-23 **Time:** 11:45

**Relinquished By:** [Signature] **Date:** 7-31-23 **Time:** 11:45 **Received By:** [Signature] **Date:** 7-31-23 **Time:** 11:45

**Delivered By:** (Circle One) **Sample Condition:** ☒ Cool ☐ Intact ☐ Yes ☐ No ☐ Yes ☐ No **Checked By:** [Signature] (Initials)

**Sampler - UPS - Bus - Other:** -12.00 **Phone Result:** ☐ Yes ☐ No **Add'l Phone #:** **Fax Result:** ☐ Yes ☐ No **Add'l Fax #:**

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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 Owner:</b> Oxy <b>Project Name:</b> NHU 32-141 (10/20/14) <b>Project Location:</b> New Mexico <b>Sample Name:</b> SIMON RENDON <small>FOR LAB USE ONLY</small>				<b>BILL TO</b> <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>ANALYSIS REQUEST</b>			
<b>Lab I.D.</b>  <b>Sample I.D.</b>  H234015 69 70 71 72 73 74 75 76 77 78	BOTTOM SAMPLE 106@1' BOTTOM SAMPLE 106@2' BOTTOM SAMPLE 107@1' BOTTOM SAMPLE 107@2' BOTTOM SAMPLE 108@1' BOTTOM SAMPLE 108@2' BOTTOM SAMPLE 109@1' BOTTOM SAMPLE 109@2' BOTTOM SAMPLE 110@1' BOTTOM SAMPLE 110@2'	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	DATE TIME	Chloride BTEX TPHEXT							
			7/27/23	12:53PM	✓	✓	✓				
			7/27/23	1:07PM	✓	✓	✓				
			7/27/23	1:19PM	✓	✓	✓				
			7/27/23	1:32PM	✓	✓	✓				
			7/27/23	1:45PM	✓	✓	✓				
			7/27/23	1:58PM	✓	✓	✓				
			7/27/23	2:12PM	✓	✓	✓				
			7/27/23	2:24PM	✓	✓	✓				
			7/27/23	2:37PM	✓	✓	✓				
		7/27/23	2:52PM	✓	✓	✓					

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**Relinquished By:** *[Signature]* **Date:** 7-31-23 **Received By:** *[Signature]* **Time:** 11:45

**Relinquished By:** *[Signature]* **Date:** *[Blank]* **Received By:** *[Signature]* **Time:** *[Blank]*

**Delivered By: (Circle One)** *[Blank]* **Sample Condition** *[Blank]* **CHECKED BY:** *[Signature]*

**Sampler - UPS - Bus - Other:** *[Blank]* **Cool** ☐ **Intact** ☐ **Yes** ☐ **No** ☐ **Yes** ☐ **No** ☐

**REMARKS:** *[Blank]*

**Phone Result:** ☐ **Yes** ☐ **No** ☐ **Add'l Phone #:** *[Blank]*

**Fax Result:** ☐ **Yes** ☐ **No** ☐ **Add'l Fax #:** *[Blank]*



**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>P.O. #:</b>		<b>BILL TO</b>															
<b>Project Manager:</b> Cliff Brunson		<b>Company:</b> Oxy		<b>ANALYSIS REQUEST</b>															
<b>Address:</b> P.O. Box 805		<b>Attn:</b>																	
<b>City:</b> Hobbs		<b>Address:</b>																	
<b>Phone #:</b> 575-397-6388		<b>City:</b>																	
<b>State:</b> NM		<b>Zip:</b> 88241																	
<b>Fax #:</b> 575-397-0397		<b>State:</b>																	
<b>Project #:</b>		<b>Zip:</b>																	
<b>Project Name:</b> NHU 32-141 (10/20/14)		<b>Phone #:</b>																	
<b>Project Location:</b> New Mexico		<b>Fax #:</b>																	
<b>Sampler Name:</b> SIMON RENDON		<b>PRESERV:</b>																	
<b>FOR LAB USE ONLY</b>		<b>SAMPLING</b>																	
<b>Lab I.D.</b>	<b>Sample I.D.</b>	<b>(G)RAB OR (C)OMP.</b>	<b># CONTAINERS</b>	<b>MATRIX</b>	<b>ACID/BASE:</b>	<b>ICE / COOL</b>	<b>OTHER :</b>	<b>DATE</b>	<b>TIME</b>	<b>Chloride</b>	<b>BTEX</b>	<b>TPH EXT</b>							
H234015	79 SIDEWALL 1	9		SOIL				7/27/23	3:04PM	✓	✓	✓							
	80 SIDEWALL 2			WASTEWATER				7/27/23	3:14PM	✓	✓	✓							
	81 SIDEWALL 3			SLUDGE				7/27/23	3:21PM	✓	✓	✓							
	82 SIDEWALL 4			OTHER :				7/27/23	3:32PM	✓	✓	✓							
	83 SIDEWALL 5							7/27/23	3:41PM	✓	✓	✓							
	84 SIDEWALL 6							7/27/23	3:52PM	✓	✓	✓							
	85 SIDEWALL 7							7/27/23	4:06PM	✓	✓	✓							
	86 SIDEWALL 8							7/27/23	4:17PM	✓	✓	✓							
	87 SIDEWALL 9							7/27/23	4:31PM	✓	✓	✓							
	88 SIDEWALL 10							7/27/23	4:40PM	✓	✓	✓							
<small>PLEASE NOTE: Lining and Brackets. Cardinal's liability and client's exclusive remedy for any claim arising from this contract or tort, shall be limited to the amount paid by the client for the analysis. 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 theories or otherwise.</small>																			
<b>Relinquished By:</b>		<b>Date:</b> 7-31-23		<b>Received By:</b>		<b>Phone Result:</b>		<b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>		<b>Add'l Phone #:</b>									
<b>Relinquished By:</b>		<b>Time:</b> 1:45		<b>Received By:</b>		<b>Fax Result:</b>		<b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>		<b>Add'l Fax #:</b>									
<b>Delivered By:</b> (Circle One)		<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"/>																	

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



**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 253481

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 253481
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	8/21/2023