

# 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

State of New Mexico  
Oil Conservation Division

Page 6

Incident ID	nTO1432239370
District RP	
Facility ID	
Application ID	

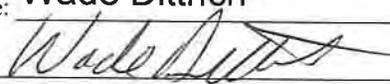
### Closure

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 ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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

Printed Name: 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.

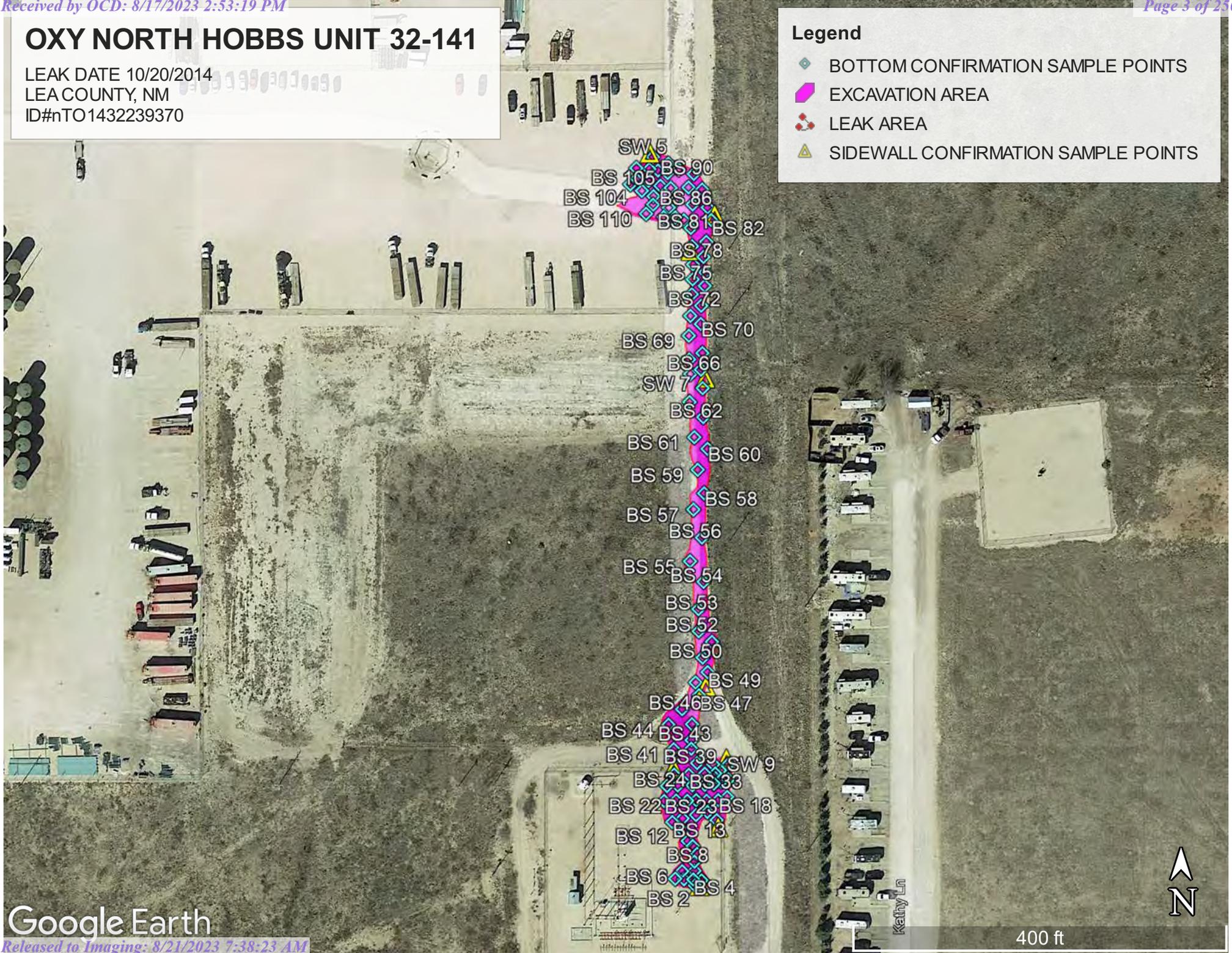
Closure Approved by: Ashley Maxwell Date: 8/21/2023  
 Printed Name: Ashley Maxwell Title: Environmental Specialist

# 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

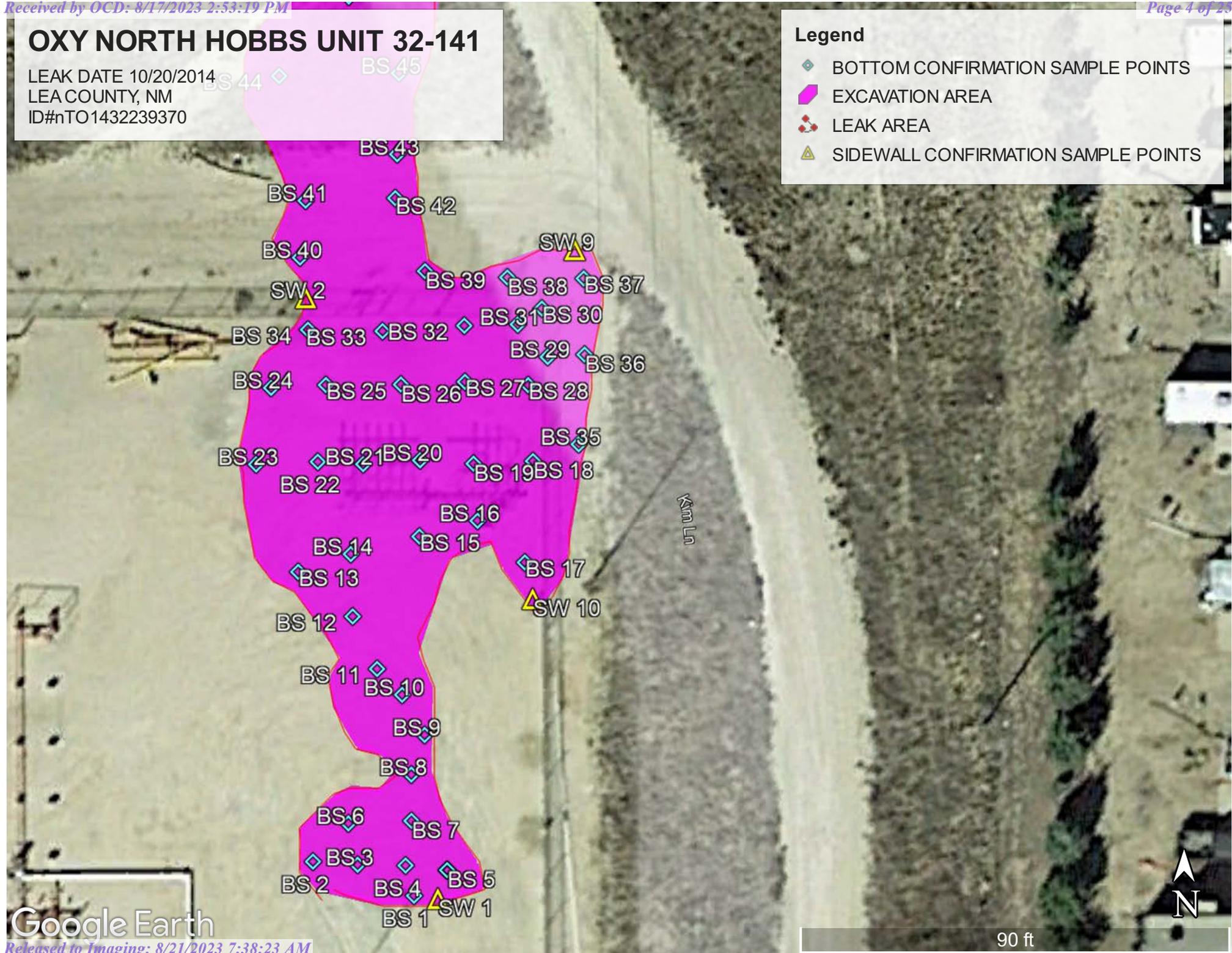
400 ft

# 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

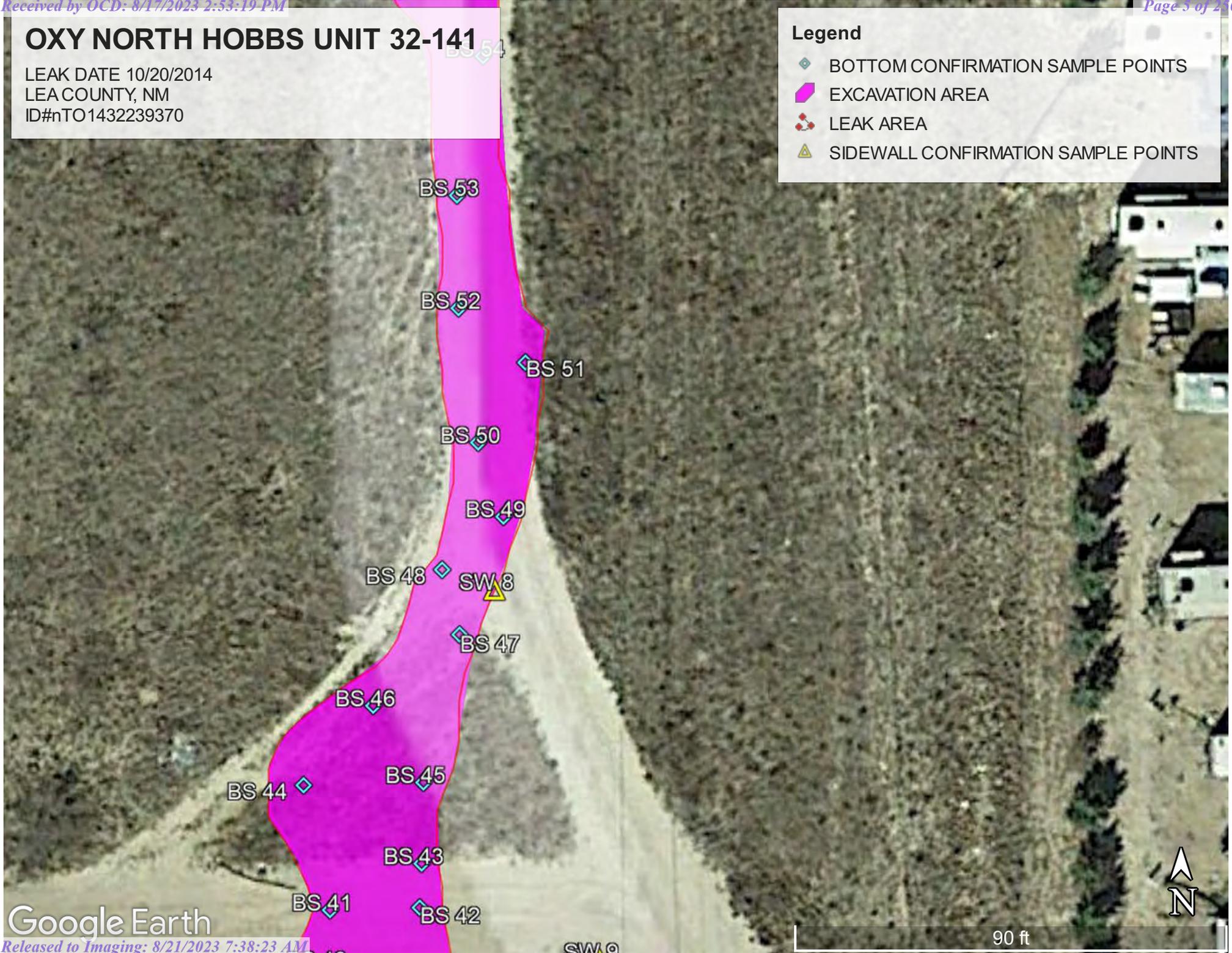


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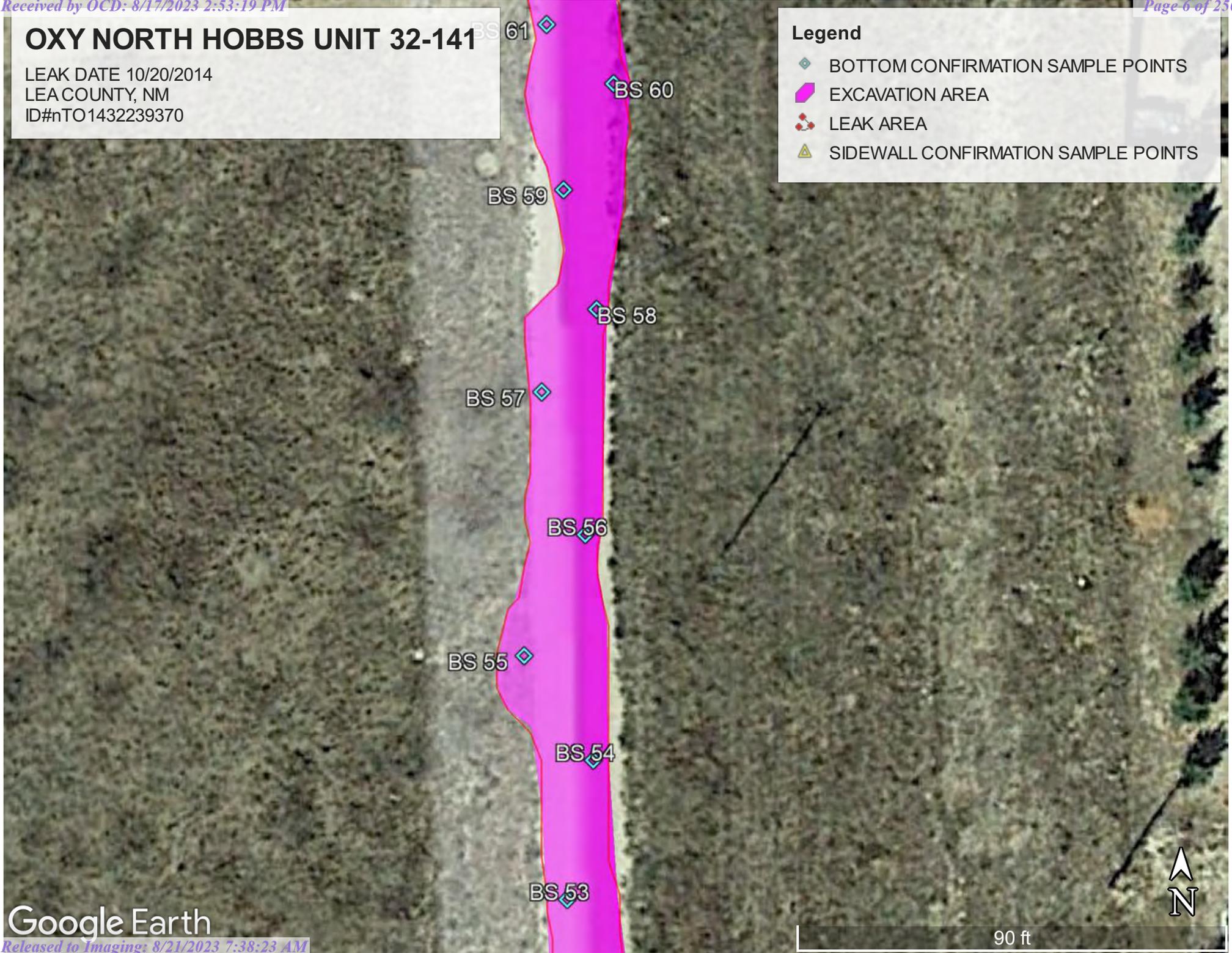


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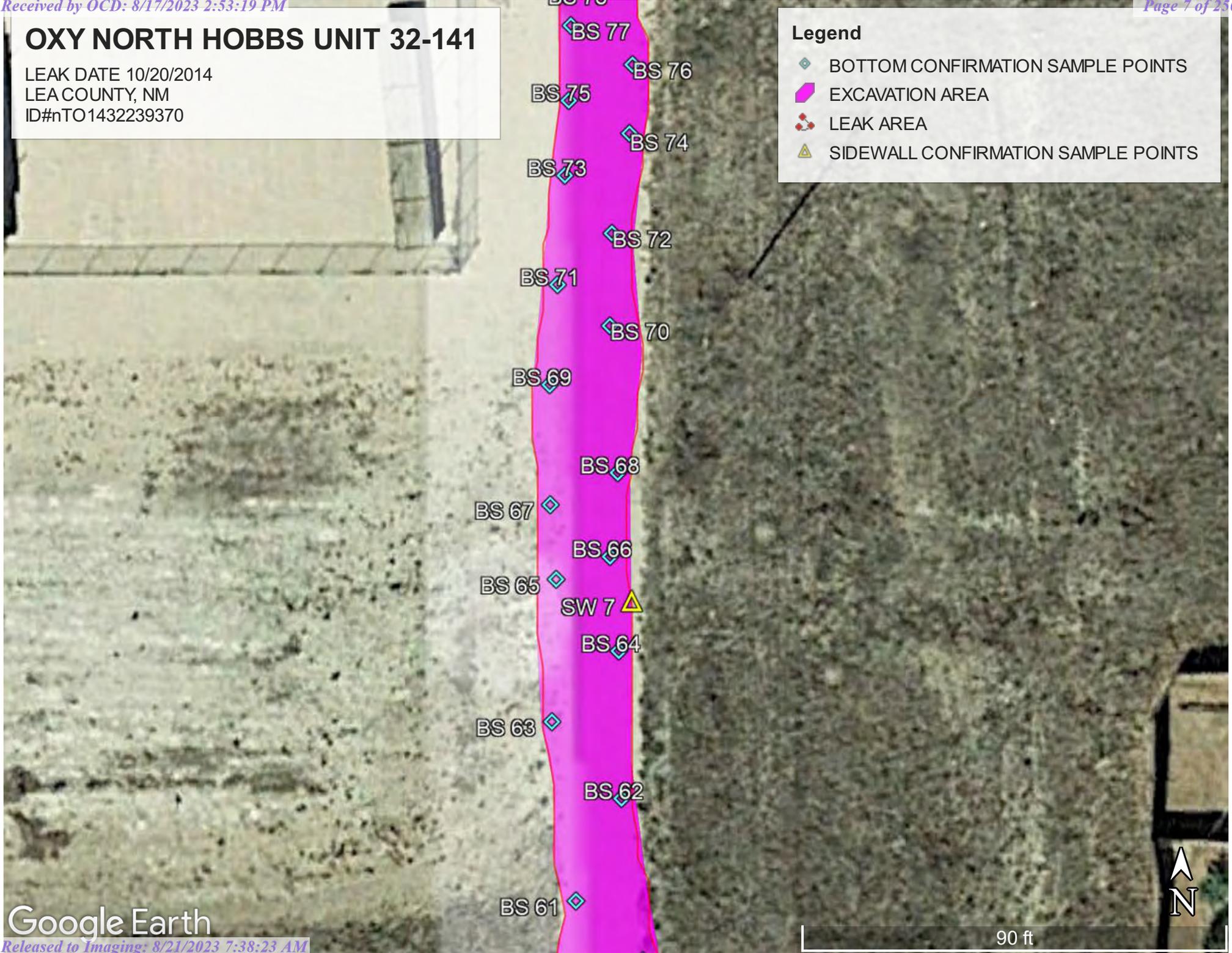


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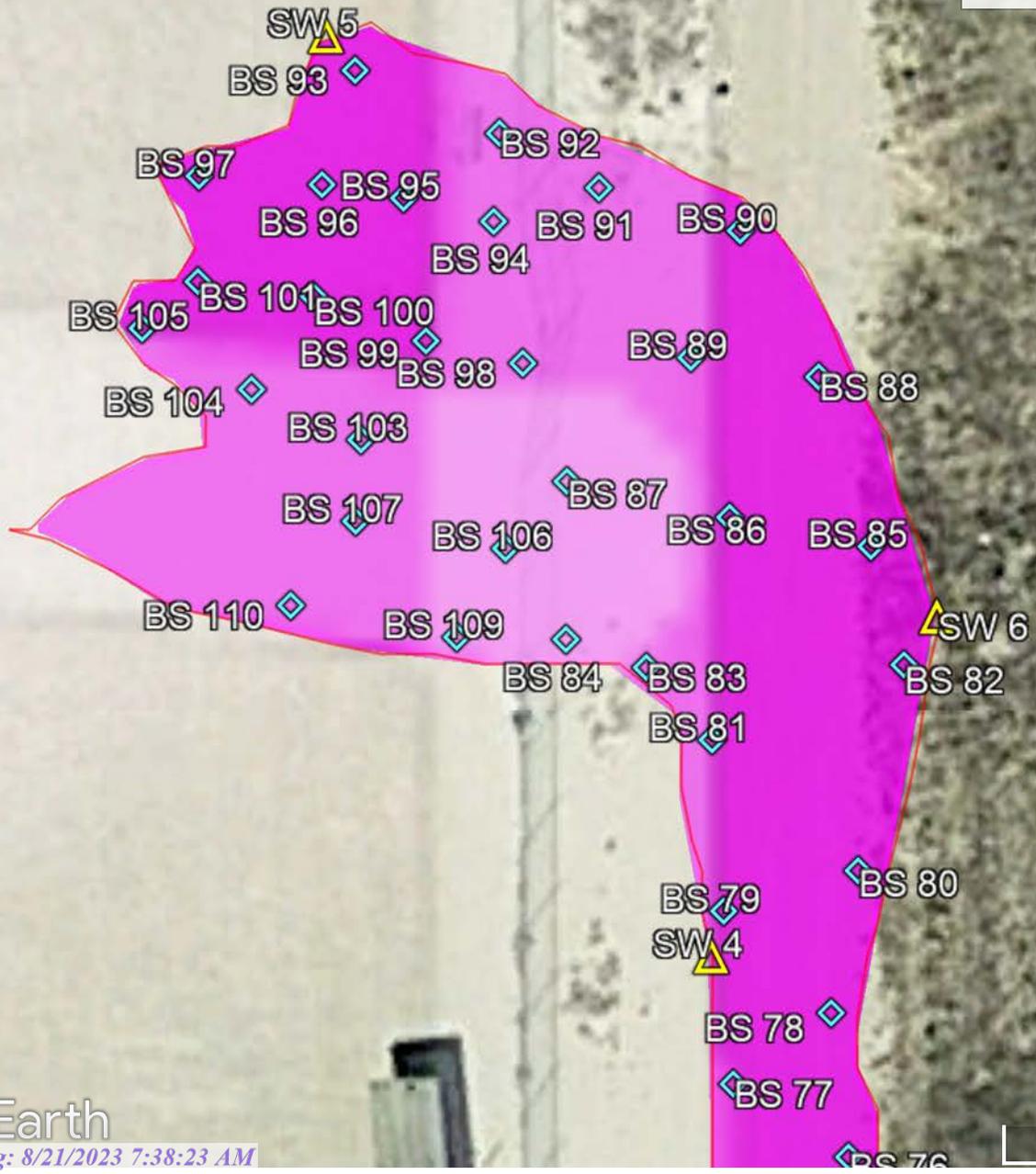


# OXY NORTH HOBBS UNIT 32-141

LEAK DATE 10/20/2014  
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**Legend**

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



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









	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									
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)



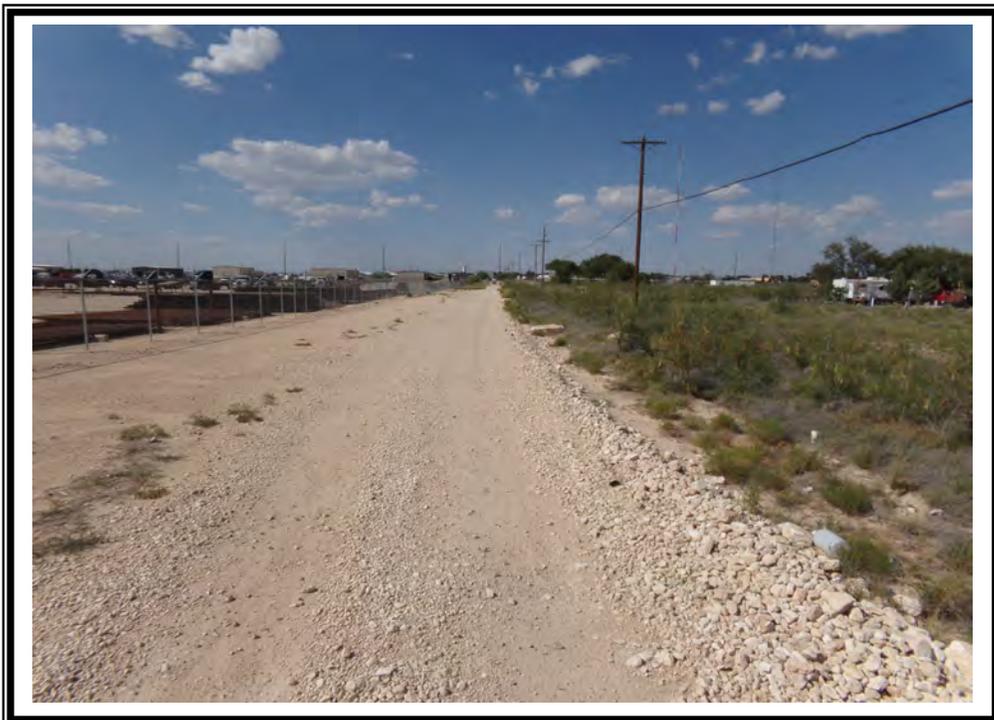


NORTH HOBBS UNIT 32-141 (10/20/14)





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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.

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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 102 % 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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 98.5 % 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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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
<b>Chloride</b>	<b>80.0</b>	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



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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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	08/01/2023	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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/31/2023	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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) 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	08/01/2023	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	Sampling Date:	07/19/2023
Reported:	08/02/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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	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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

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

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: NHU 32-141 (10/20/14) Project Location: New Mexico Sampler Name: Simon Rendon		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
<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 GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	DATE TIME ANALYSIS COMMENTS
HE34012	BOTTOM SAMPLE 1@1'	✓	7/19/23 9:45AM ✓ Chloride
	BOTTOM SAMPLE 1@2'	✓	7/19/23 10:04AM ✓ BTEX
	BOTTOM SAMPLE 2@1'	✓	7/19/23 10:23AM ✓ TPWEXT
	BOTTOM SAMPLE 2@2'	✓	7/19/23 10:40AM ✓
	BOTTOM SAMPLE 3@1'	✓	7/19/23 10:54AM ✓
	BOTTOM SAMPLE 3@2'	✓	7/19/23 11:14AM ✓
	BOTTOM SAMPLE 4@1'	✓	7/19/23 11:30AM ✓
	BOTTOM SAMPLE 4@2'	✓	7/19/23 11:49AM ✓
	BOTTOM SAMPLE 5@1'	✓	7/19/23 12:07PM ✓
	BOTTOM SAMPLE 5@2'	✓	7/19/23 12:50PM ✓

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Relinquished By: Date: 7-31-23 Time: 11:45	Received By: Date: _____ Time: _____	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: (Initials)
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -12.0°C #140	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____	REMARKS: Busk! 2 Days

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



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

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: NHU 32-141 (10/20/14) Project Location: New Mexico Sampler Name: Simon Rendon		State: NM zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		<b>BILL TO</b> P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		<b>ANALYSIS REQUEST</b>					
FOR LAB USE ONLY											
Lab I.D. <b>H23462</b>		Sample I.D.		MATRIX		PRESERV		SAMPLING			
BOTTOM SAMPLE 6@1' BOTTOM SAMPLE 6@2' BOTTOM SAMPLE 7@1' BOTTOM SAMPLE 7@2' BOTTOM SAMPLE 8@1' BOTTOM SAMPLE 8@2' BOTTOM SAMPLE 9@1' BOTTOM SAMPLE 9@2' BOTTOM SAMPLE 10@1' BOTTOM SAMPLE 10@2'		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		DATE TIME		Chloride BTEX TPHEXT					
11 12 13 14 15 16 17 18 19 20		6 1 1 1 1 1 1 1 1 1		7/19/23 7/19/23 7/19/23 7/19/23 7/19/23 7/19/23 7/19/23 7/19/23 7/19/23 7/19/23		1:12PM 1:29PM 1:45PM 2:07PM 2:29PM 2:43PM 3:07PM 3:28PM 3:41PM 3:58PM		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	
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Relinquished By: _____ Date: 7-31-23 Time: 1145		Received By: _____ Date: _____ Time: _____		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____		REMARKS: <b>Bush! 2 days</b>					
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <b>-130c</b>		Sample Condition Cool <input checked="" type="checkbox"/> Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: _____ (Initials)							

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

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

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: NHU 32-141 (10/20/14) Project Location: New Mexico Sampler Name: Simon Rendon		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		MATRIX <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE OTHER : _____ ACID/BASE: _____ <input checked="" type="checkbox"/> ICE / COOL OTHER : _____	
Lab I.D. <b>H33412</b> 31 32	Sample I.D. BOTTOM SAMPLE 11@1' BOTTOM SAMPLE 11@2'	(G)RAB OR (C)OMP. <input checked="" type="checkbox"/> # CONTAINERS 1 DATE 7/19/23 TIME 4:14PM 7/19/23 4:30PM	ANALYSIS REQUEST Chloride ✓ BTEX ✓ TPHEXT ✓
PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising from this contract or not 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 provided by Cardinal, regardless of whether such claim is based upon any of the above stated provisions or otherwise.			
Relinquished By: _____ Date: 7-31-23 Time: 11:45	Received By: _____ Date: _____ Time: _____	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	CHECKED BY: _____ (Initials)
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -13.0°C #1410		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____	
REMARKS: _____ Rush! array		_____ _____ _____	

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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".

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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

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	08/03/2023	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	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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, SM4500Cl-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



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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

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	08/03/2023	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	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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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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

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	08/03/2023	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	08/02/2023	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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

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	08/03/2023	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 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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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



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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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
<b>Chloride</b>	<b>16.0</b>	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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\*=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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, SM4500CI-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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**Analytical Results For:**

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

Received:	07/31/2023	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

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	08/03/2023	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 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

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	08/03/2023	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	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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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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

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	08/03/2023	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) 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
<b>Chloride</b>	<b>64.0</b>	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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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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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	08/04/2023	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



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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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	08/04/2023	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



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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.8 % 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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 55.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 54.7 % 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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 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	Sampling Date:	07/21/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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\* = 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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 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 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, 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 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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
<b>Chloride</b>	<b>16.0</b>	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	
<b>DRO &gt;C10-C28*</b>	<b>10.0</b>	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



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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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**Analytical Results For:**

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

Received:	07/31/2023	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

Received:	07/31/2023	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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) 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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

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, 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	
<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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**Analytical Results For:**

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

Received:	07/31/2023	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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 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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 98.6 % 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.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	07/31/2023	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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:**

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

Received:	07/31/2023	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

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, 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 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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\*=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	Sampling Date:	07/24/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

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 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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

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 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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**Analytical Results For:**

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

Received:	07/31/2023	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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**Analytical Results For:**

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

Received:	07/31/2023	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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**Analytical Results For:**

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

Received:	07/31/2023	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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	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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

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 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

Received:	07/31/2023	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 125 % 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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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 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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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, 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	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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**Analytical Results For:**

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

Received:	07/31/2023	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager







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

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

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: NHU 32-141 (10/20/14) Project Location: New Mexico Sampler Name: SIMON RENDON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		<b>BILL TO</b>	
FOR LAB USE ONLY Lab I.D. Sample I.D. H334014		<b>ANALYSIS REQUEST</b>	
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING	
BOTTOM SAMPLE 37@1' BOTTOM SAMPLE 37@2' BOTTOM SAMPLE 38@1' BOTTOM SAMPLE 38@2' BOTTOM SAMPLE 39@1' BOTTOM SAMPLE 39@2' BOTTOM SAMPLE 40@1' BOTTOM SAMPLE 40@2' BOTTOM SAMPLE 41@1' BOTTOM SAMPLE 41@2'		DATE TIME 7/21/23 2:37PM 7/21/23 2:55PM 7/21/23 3:16PM 7/21/23 3:34PM 7/21/23 3:51PM 7/21/23 4:11PM 7/21/23 4:27PM 7/21/23 4:42PM 7/21/23 7:35AM 7/21/23 7:49AM	
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Relinquished By: _____ Date: 7-31-23 Time: 1145		Received By: _____ Date: _____ Time: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -12.0°C #140		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Checked By: (Initials) AS	
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____		REMARKS:	

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

Company Name: BBC International, Inc.		<b>BILL TO</b>		P.O. #:		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company: Oxy		Attn:			
Address: P.O. Box 805		State: NM		Zip: 88241			
City: Hobbs		Address:		City:			
Phone #: 575-397-6388		Fax #: 575-397-0397		State:		Zip:	
Project #:		Project Owner: Oxy		Phone #:			
Project Name: NHU 32-141 (10/20/14)		Fax #:		Other:			
Project Location: New Mexico		PRESERV:		SAMPLING			
Sampler Name: SIMON RENDON		ACID/BASE:		ICE / COOL:			
FOR LAB USE ONLY		OTHER:		DATE		TIME	
Lab I.D.		DATE		TIME			
Sample I.D.		DATE		TIME			
H234014		7/24/23		8:02AM		✓	
31		7/24/23		8:20AM		✓	
32		7/24/23		8:43AM		✓	
33		7/24/23		8:57AM		✓	
34		7/24/23		9:12AM		✓	
35		7/24/23		9:28AM		✓	
36		7/24/23		9:42AM		✓	
37		7/24/23		9:56AM		✓	
38		7/24/23		10:12AM		✓	
39		7/24/23		10:29AM		✓	
40		7/24/23		10:29AM		✓	

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Relinquished By: *[Signature]* Date: 7/31/23 Received By: *[Signature]* Date: 7/14/23  
 Relinquished By: *[Signature]* Date: 7/14/23 Received By: *[Signature]* Date: 7/14/23

Delivered By: (Circle One)  UPS  Bus  Other: -1200 #440

Sample Condition:  Intact  Cool  Yes  No

CHECKED BY: *[Signature]*

Phone Result:  Yes  No Add'l Phone #:   
 Fax Result:  Yes  No Add'l Fax #:   
 REMARKS:

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

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

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: NHU 32-141 (10/20/14) Project Location: New Mexico Sampler Name: SIMON RENDON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. Sample I.D. H234014		BILL TO ANALYSIS REQUEST	
(G)RAB OR (C)OMP # CONTAINERS MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER: PRESERV: ACID/BASE, ICE / COOL, OTHER: DATE TIME		ANALYSIS REQUEST	
41 BOTTOM SAMPLE 47@1' 42 BOTTOM SAMPLE 47@2' 43 BOTTOM SAMPLE 48@1' 44 BOTTOM SAMPLE 48@2' 45 BOTTOM SAMPLE 49@1' 46 BOTTOM SAMPLE 49@2' 47 BOTTOM SAMPLE 50@1' 48 BOTTOM SAMPLE 50@2' 49 BOTTOM SAMPLE 51@1' 50 BOTTOM SAMPLE 51@2'		7/24/23 10:44AM ✓ 7/24/23 10:58AM ✓ 7/24/23 11:16AM ✓ 7/24/23 11:31AM ✓ 7/24/23 11:47AM ✓ 7/24/23 11:59AM ✓ 7/24/23 12:43PM ✓ 7/24/23 12:57PM ✓ 7/24/23 1:10PM ✓ 7/24/23 1:23PM ✓	
Relinquished By: _____ Date: 7-31-23 Time: 1:45		Received By: _____ Date: _____ Time: _____	
Delivered By: (Circle One) UPS - Bus - Other: -13.0°C #140		CHECKED BY: _____ (Initials)	
REMARKS: _____ Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____		ANALYSIS REQUEST	

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

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: NHU 32-141 (10/20/14) Project Location: New Mexico Sampler Name: SIMON RENDON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
FOR LAB USE ONLY Lab I.D. <b>H234614</b>	Sample I.D. S1 S2 S3 S4 S5 S6 S7 S8 S9 60	(G)RAB OR (C)OMP, # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	DATE TIME ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
BOTTOM SAMPLE 52@1' BOTTOM SAMPLE 52@2' BOTTOM SAMPLE 53@1' BOTTOM SAMPLE 53@2' BOTTOM SAMPLE 54@1' BOTTOM SAMPLE 54@2' BOTTOM SAMPLE 55@1' BOTTOM SAMPLE 55@2' BOTTOM SAMPLE 56@1' BOTTOM SAMPLE 56@2'		7/24/23 1:42PM 7/24/23 1:58PM 7/24/23 2:11PM 7/24/23 2:31PM 7/24/23 2:50PM 7/24/23 3:12PM 7/24/23 3:29PM 7/24/23 3:44PM 7/24/23 3:57PM 7/24/23 4:14PM	
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Relinquished By: _____ Date: 7-31-23 Time: 7:45		Received By: _____ Date: _____ Time: _____	
Delivered By: (Circle One) UPS - Bus - Other: <b>-19.0°C</b>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	
CHECKED BY: _____ (Initials) #440		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____	
REMARKS:			

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

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: NHU 32-141 (10/20/14) Project Location: New Mexico Sampler Name: SIMON RENDON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		<b>BILL TO</b>	
Matrix: <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE Other: _____ Acid/Base: _____ Ice/Cool: _____ Other: _____		<b>ANALYSIS REQUEST</b>	
Lab I.D.	Sample I.D.	DATE	TIME
H234614	BOTTOM SAMPLE 57@1'	7/24/23	4:31PM
61	BOTTOM SAMPLE 57@2'	7/24/23	4:46PM
62	BOTTOM SAMPLE 58@1'	7/25/23	7:35AM
63	BOTTOM SAMPLE 58@2'	7/25/23	7:51AM
64	BOTTOM SAMPLE 59@1'	7/25/23	8:03AM
65	BOTTOM SAMPLE 59@2'	7/25/23	8:16AM
66	BOTTOM SAMPLE 60@1'	7/25/23	8:29AM
67	BOTTOM SAMPLE 60@2'	7/25/23	8:45AM
68	BOTTOM SAMPLE 61@1'	7/25/23	8:57AM
69	BOTTOM SAMPLE 61@2'	7/25/23	9:14AM
70	BOTTOM SAMPLE 61@2'		

CL  
 BTEX  
 TPH EXT.

(G)RAB OR (C)OMP. # CONTAINERS PRESERV SAMPLING

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Reinquished By: \_\_\_\_\_ Date: 7-31-23 Received By: \_\_\_\_\_ Date: 7/14/23  
 Reinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_ Date: \_\_\_\_\_

Delivered By: (Circle One)  UPS  Bus  Other: -13.0°C #140  
 Sample Condition:  Cool  Intact  
 Yes  No  Yes  No

CHECKED BY: \_\_\_\_\_ (Initials)  
 Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_  
 REMARKS: \_\_\_\_\_

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







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

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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.

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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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

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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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

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 96.2 % 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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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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

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 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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

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 96.5 % 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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

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 94.9 % 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
<b>Chloride</b>	<b>16.0</b>	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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

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

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 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



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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/25/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 76 @ 2' (H234015-10)**

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 94.9 % 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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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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 77 @ 2' (H234015-12)**

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 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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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
<b>Chloride</b>	<b>32.0</b>	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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 79 @ 2' (H234015-16)**

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 95.1 % 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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 85 @ 2' (H234015-28)**

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 96.3 % 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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 86 @ 1' (H234015-29)**

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 96.7 % 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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 86 @ 2' (H234015-30)**

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 97.5 % 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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 89 @ 1' (H234015-35)**

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 96.1 % 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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 90 @ 2' (H234015-38)**

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 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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/26/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 96 @ 1' (H234015-49)**

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 96.4 % 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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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
<b>Chloride</b>	<b>32.0</b>	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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 97 @ 2' (H234015-52)**

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 97.0 % 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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 99 @ 2' (H234015-56)**

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 94.7 % 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
<b>Chloride</b>	<b>32.0</b>	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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 100 @ 1' (H234015-57)**

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 96.8 % 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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 101 @ 2' (H234015-60)**

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 96.7 % 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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 103 @ 2' (H234015-64)**

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 97.1 % 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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 104 @ 1' (H234015-65)**

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 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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 106 @ 2' (H234015-70)**

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 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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 107 @ 1' (H234015-71)**

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 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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 107 @ 2' (H234015-72)**

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 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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 108 @ 1' (H234015-73)**

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 95.4 % 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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 109 @ 1' (H234015-75)**

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 96.8 % 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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 109 @ 2' (H234015-76)**

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 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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 110 @ 1' (H234015-77)**

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 93.6 % 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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 110 @ 2' (H234015-78)**

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 95.9 % 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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: SIDEWALL 2 (H234015-80)**

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 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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: SIDEWALL 3 (H234015-81)**

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 96.9 % 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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: SIDEWALL 5 (H234015-83)**

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 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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: SIDEWALL 7 (H234015-85)**

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 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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: SIDEWALL 9 (H234015-87)**

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 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



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	Sampling Date:	07/27/2023
Reported:	08/07/2023	Sampling Type:	Soil
Project Name:	NHU 32-141	Sampling Condition:	Cool & Intact
Project Number:	( 10/20/14 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**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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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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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

Company Name: BBC International, Inc.		P.O. #:		<b>BILL TO</b>		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		PRESERV		SAMPLING			
FOR LAB USE ONLY		MATRIX		DATE		TIME	
Lab I.D.		# CONTAINERS		DATE		TIME	
Sample I.D.		GROUNDWATER		7/25/23		2:41PM	
HE34015		WASTEWATER		7/25/23		2:58PM	
1		SOIL		7/25/23		3:12PM	
2		OIL		7/25/23		3:26PM	
3		SLUDGE		7/25/23		3:43PM	
4		OTHER:		7/25/23		3:58PM	
5		ACID/BASE:		7/25/23		4:12PM	
6		ICE / COOL		7/25/23		4:24PM	
7		OTHER:		7/25/23		4:37PM	
8				7/25/23		4:50PM	
9							
10							
BOTTOM SAMPLE 72@1'							
BOTTOM SAMPLE 72@2'							
BOTTOM SAMPLE 73@1'							
BOTTOM SAMPLE 73@2'							
BOTTOM SAMPLE 74@1'							
BOTTOM SAMPLE 74@2'							
BOTTOM SAMPLE 75@1'							
BOTTOM SAMPLE 75@2'							
BOTTOM SAMPLE 76@1'							
BOTTOM SAMPLE 76@2'							

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Relinquished By: *[Signature]* Date: 7-31-23 Time: 7:45

Received By: *[Signature]* Date: 7/25/23 Time: 4:50

Delivered By: (Circle One)  UPS - Bus - Other: -180°C #140

Sample Condition:  Intact  Cool  Yes  No

CHECKED BY: *[Signature]* (Initials)

REMARKS: CL BTEX TPH EXT

Phone Result:  Yes  No Add'l Phone #:   
 Fax Result:  Yes  No Add'l Fax #:   
 Phone #:   
 Fax #:

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

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: NHU 32-141 (10/20/14) Project Location: New Mexico Sampler Name: SIMON RENDON		<b>BILL TO</b> P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:													
Lab I.D. Sample I.D. H234015		MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER: PRESERV: ACID/BASE, ICE / COOL, OTHER: DATE TIME													
11	BOTTOM SAMPLE 77@1'	(G)RAB OR (C)OMP.	# CONTAINERS	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	✓	✓	✓								

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Relinquished By: *[Signature]* Date: 7-31-23 Time: 1:45  
 Received By: *[Signature]* Date: 7-31-23 Time: 1:45  
 Delivered By: (Circle One)  UPS  Bus  Other: #140  
 Sample Condition:  Intact  Cool  Yes  No  
 CHECKED BY: *[Signature]*  
 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**

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: NHU 32-141 (10/20/14) Project Location: New Mexico Sampler Name: SIMON RENDON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____						
<b>BILL TO</b>								
<b>ANALYSIS REQUEST</b>								
FOR LAB USE ONLY								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	DATE	TIME	CL	BTEX	TPH EXT
	H234015			7/26/23	9:42AM	✓	✓	✓
	21	BOTTOM SAMPLE 82@1'		7/26/23	9:56AM	✓	✓	✓
	22	BOTTOM SAMPLE 82@2'		7/26/23	10:16AM	✓	✓	✓
	23	BOTTOM SAMPLE 83@1'		7/26/23	10:33AM	✓	✓	✓
	24	BOTTOM SAMPLE 83@2'		7/26/23	10:46AM	✓	✓	✓
	25	BOTTOM SAMPLE 84@1'		7/26/23	10:58AM	✓	✓	✓
	26	BOTTOM SAMPLE 84@2'		7/26/23	11:12AM	✓	✓	✓
	27	BOTTOM SAMPLE 85@1'		7/26/23	11:26AM	✓	✓	✓
	28	BOTTOM SAMPLE 85@2'		7/26/23	11:41AM	✓	✓	✓
	29	BOTTOM SAMPLE 86@1'		7/26/23	11:55AM	✓	✓	✓
	30	BOTTOM SAMPLE 86@2'		7/26/23	11:55AM	✓	✓	✓

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Relinquished By: \_\_\_\_\_ Date: 7/31/23  
 Received By: \_\_\_\_\_ Date: 7/14/23  
 Time: \_\_\_\_\_  
 Delivered By: (Circle One)  UPS  Bus  Other: -18.0°C #140  
 Sample Condition:  Cool  Intact  
 Checked By: \_\_\_\_\_ (Initials) \_\_\_\_\_  
 Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_

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

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: NHU 32-141 (10/20/14) Project Location: New Mexico Sampler Name: SIMON RENDON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		<b>BILL TO</b>	
FOR LAB USE ONLY Lab I.D. Sample I.D.		<b>ANALYSIS REQUEST</b>	
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		PRESERV: SAMPLING	
DATE TIME		DATE TIME	
411 BOTTOM SAMPLE 92@1' 412 BOTTOM SAMPLE 92@2' 413 BOTTOM SAMPLE 93@1' 414 BOTTOM SAMPLE 93@2' 415 BOTTOM SAMPLE 94@1' 416 BOTTOM SAMPLE 94@2' 417 BOTTOM SAMPLE 95@1' 418 BOTTOM SAMPLE 95@2'		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 ✓	
Relinquished By: _____ Date: 7-31-23 Time: 11:45		Received By: _____ Date: _____ Time: _____	
Delivered By: (Circle One) UPS - Bus - Other: -12.0°C		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
CHECKED BY: _____ (Initials)		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: _____	
REMARKS:			
CL BTEX TPH EXT			

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

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: NHU 32-141 (10/20/14) Project Location: New Mexico Sampler Name: SIMON RENDON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		<b>BILL TO</b> ANALYSIS REQUEST	
FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	PRESERV: SAMPLING
49 50 51 52 53 54 55 56 57 58	BOTTOM SAMPLE 96@1' BOTTOM SAMPLE 96@2' BOTTOM SAMPLE 97@1' BOTTOM SAMPLE 97@2' BOTTOM SAMPLE 98@1' BOTTOM SAMPLE 98@2' BOTTOM SAMPLE 99@1' BOTTOM SAMPLE 99@2' BOTTOM SAMPLE 100@1' BOTTOM SAMPLE 100@2'	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	7:35AM 7:50AM 8:12AM 8:26AM 8:40AM 8:54AM 9:10AM 9:22AM 9:35AM 9:48AM
Relinquished By: _____ Date: 7/31/23 Time: 7:45		Received By: _____ Date: _____ Time: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -13.0°C #140		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Checked By: _____ (Initials)	
REMARKS: Chloride BTEX TPHEXT			

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

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: NHU 32-141 (10/20/14) Project Location: New Mexico Sampler Name: SIMON RENDON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		<b>BILL TO</b>	
FOR LAB USE ONLY Lab I.D.		<b>ANALYSIS REQUEST</b>	
Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	DATE TIME	ANALYSIS REQUEST
H234015	6	7/27/23	Chloride
59	1	7/27/23	BTEX
60	1	7/27/23	IPHEXT
61	1	7/27/23	
62	1	7/27/23	
63	1	7/27/23	
64	1	7/27/23	
65	1	7/27/23	
66	1	7/27/23	
67	1	7/27/23	
68	1	7/27/23	

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Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date: 7-31-23 Time: 7:145

Delivered By: (Circle One) \_\_\_\_\_

Sampler - UPS - Bus - Other: -18.0c #140

Sample Condition:  Intact  Cool  Yes  No

CHECKED BY: \_\_\_\_\_ (Initials)

REMARKS:

Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_

Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_

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

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: NHU 32-141 (10/20/14) Project Location: New Mexico Sampler Name: SIMON RENDON FOR LAB USE ONLY		<b>BILL TO</b> P.O. #: _____ Company: Oxy Altn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____													
Lab I.D.  H234015 69 70 71 72 73 74 75 76 77 78	Sample I.D.  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 :	MATRIX  PRESERV  SAMPLING	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	TIME 12:53PM 1:07PM 1:19PM 1:32PM 1:45PM 1:58PM 2:12PM 2:24PM 2:37PM 2:52PM	Chloride BTEX TPHEXT	ANALYSIS REQUEST								
								Relinquished By: <i>[Signature]</i> Date: 7-31-23 Time: 7:45		Received By: <i>[Signature]</i> Date: 7/14/23 Time: _____		CHECKED BY: <i>[Signature]</i> (Initials)			
								Delivered By: (Circle One) Sampler - UPS - Bus - Other: <u>UPS</u>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sample Condition <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: _____		REMARKS:	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: NHU 32-141 (10/20/14) Project Location: New Mexico Sampler Name: SIMON RENDON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		MATRIX: <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE OTHER: _____		PRESERV: <input type="checkbox"/> ACID/BASE: <input checked="" type="checkbox"/> ICE / COOL OTHER: _____		DATE TIME 7/27/23 3:04PM 7/27/23 3:14PM 7/27/23 3:21PM 7/27/23 3:32PM 7/27/23 3:41PM 7/27/23 3:52PM 7/27/23 4:06PM 7/27/23 4:17PM 7/27/23 4:31PM 7/27/23 4:40PM	
Lab I.D. Sample I.D. H234015 79 SIDEWALL 1 80 SIDEWALL 2 81 SIDEWALL 3 82 SIDEWALL 4 83 SIDEWALL 5 84 SIDEWALL 6 85 SIDEWALL 7 86 SIDEWALL 8 87 SIDEWALL 9 88 SIDEWALL 10		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: _____		DATE TIME 7/27/23 3:04PM 7/27/23 3:14PM 7/27/23 3:21PM 7/27/23 3:32PM 7/27/23 3:41PM 7/27/23 3:52PM 7/27/23 4:06PM 7/27/23 4:17PM 7/27/23 4:31PM 7/27/23 4:40PM		Chloride BTEX TPH EXT	

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Relinquished By: *[Signature]* Date: 7-31-23 Received By: *[Signature]* Time: 7:45  
 Relinquished By: *[Signature]* Date: \_\_\_\_\_ Received By: *[Signature]* Time: \_\_\_\_\_

Delivered By: (Circle One)  UPS  Bus  Other: -13.0c #140  
 Sample Condition:  Intact  Cool  Yes  No  
 CHECKED BY: *[Signature]*

Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_  
 REMARKS: \_\_\_\_\_

† 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  
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**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
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**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
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**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