

# Closure Report

INCIDENT # nAPP2126026738

## Site Description

Site Name:	BRUNSON C LEASE
Company:	JR OIL
Legal Description:	U/L D, Section 3, T22S, R37E
County:	Lea County, NM
GPS Coordinates:	N 32.418459 , W -103.147076

## Release Data

Date of Release:	9/4/2021
Type of Release:	Produced Water , Crude Oil
Source of Release:	LIGHTING STRUCK WATER TANK , SEPERATED TANK
Volume of Release:	WATER 120 bbls ,OIL 2bbls
Volume Recovered:	WATER 0 bbls , OIL 0 bbls

## Remediation Specifications

Remediation Parameters:	JR OIL EXAVATED THE SPILL AREA AS DEPICTED ON THE FOLLWING SITE DIAGRAM. THE YELLOW SHADING REPRESENTS A 1 FOOT EXCAVATION. THE PINK SHADING REPRESENTS A 2 FOOT EXCAVATION. THE DARK BLUE SHADING REPRESENTS A 3 FOOT EXCAVATION. THE GREEN SHADING REPRESENTS ZERO REMEDIATION. JR OIL COLLECTED SIDEWALL AND BOTTOM CONFIRMATION SAMPLES EVERY 200 SQUARE FEET.
Remediation Activities:	

Plan Sent to OCD:		
OCD Approval of Plan:		
Plan Sent to BLM:		
BLM Approval of Plan:		

## Supporting Documentation

C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Remediation photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report for 7/29/22, 8/1/22 , 8/9/22 , 8/10/22	
Sampling Notification	7/26/2022	

## Request for Closure

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

Cliff Brunson, President  
BBC International, Inc.

Form C-141

State of New Mexico  
Oil Conservation Division

Page 6

Incident ID	nAPP2126026738
District RP	
Facility ID	
Application ID	

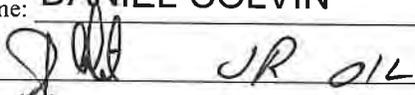
### Closure

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: DANIEL COLVIN Title: PRODUCTION FOREMAN  
 Signature:  Date: \_\_\_\_\_  
 email: danielk.colvin@yahoo.com Telephone: 575-605-4450

**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:  Date: 09/23/2022  
 Printed Name: Jennifer Nobui Title: Environmental Specialist A

**From:** [Cliff Brunson](#)  
**To:** "Enviro, OCD, EMNRD"  
**Cc:** [Daniel Colvin](#); [Josh Latimer](#); [Ken Swinney](#); [Jennifer Gilkey](#); [Kathy Sweeney](#)  
**Subject:** JR Oil Ltd - Brunson C Lease (nAPP2126026738 - Sampling Notification)  
**Date:** Tuesday, July 26, 2022 5:20:34 PM

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This is a notification that BBC will conduct confirmation sampling on behalf of JR Oil Ltd at the Brunson C Lease (nAPP2126026738) on Friday, July 29, 2022 at 9:00 a.m.

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



\*\*\*\*\*

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\*\*\*\*\*

**From:** [Nobui, Jennifer, EMNRD](#)  
**To:** [Cliff Brunson](#)  
**Cc:** [Bratcher, Mike, EMNRD](#); [Hamlet, Robert, EMNRD](#); [Harimon, Jocelyn, EMNRD](#)  
**Subject:** FW: [EXTERNAL] JR Oil Ltd - Brunson C Lease (nAPP2126026738 - Sampling Notification)  
**Date:** Wednesday, July 27, 2022 8:12:13 AM

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Cliff

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,  
Jennifer Nobui

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**From:** Enviro, OCD, EMNRD <[OCD.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us)>  
**Sent:** Wednesday, July 27, 2022 8:04 AM  
**To:** Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>; Nobui, Jennifer, EMNRD <[Jennifer.Nobui@state.nm.us](mailto:Jennifer.Nobui@state.nm.us)>; Harimon, Jocelyn, EMNRD <[Jocelyn.Harimon@state.nm.us](mailto:Jocelyn.Harimon@state.nm.us)>; Hamlet, Robert, EMNRD <[Robert.Hamlet@state.nm.us](mailto:Robert.Hamlet@state.nm.us)>; Velez, Nelson, EMNRD <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Subject:** Fw: [EXTERNAL] JR Oil Ltd - Brunson C Lease (nAPP2126026738 - Sampling Notification)

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**From:** Cliff Brunson <[cbrunson@bbcinternational.com](mailto:cbrunson@bbcinternational.com)>  
**Sent:** Tuesday, July 26, 2022 5:21 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us)>  
**Cc:** Daniel Colvin <[danielk.colvin@yahoo.com](mailto:danielk.colvin@yahoo.com)>; Josh Latimer <[jlatimer@coltenergy.com](mailto:jlatimer@coltenergy.com)>; Ken Swinney <[kswinney@bbcinternational.com](mailto:kswinney@bbcinternational.com)>; Jennifer Gilkey <[jgilkey@bbcinternational.com](mailto:jgilkey@bbcinternational.com)>; Kathy Sweeney <[kathys@bbcinternational.com](mailto:kathys@bbcinternational.com)>  
**Subject:** [EXTERNAL] JR Oil Ltd - Brunson C Lease (nAPP2126026738 - Sampling Notification)

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

This is a notification that BBC will conduct confirmation sampling on behalf of JR Oil Ltd at the Brunson C Lease (nAPP2126026738) on Friday, July 29, 2022 at 9:00 a.m.

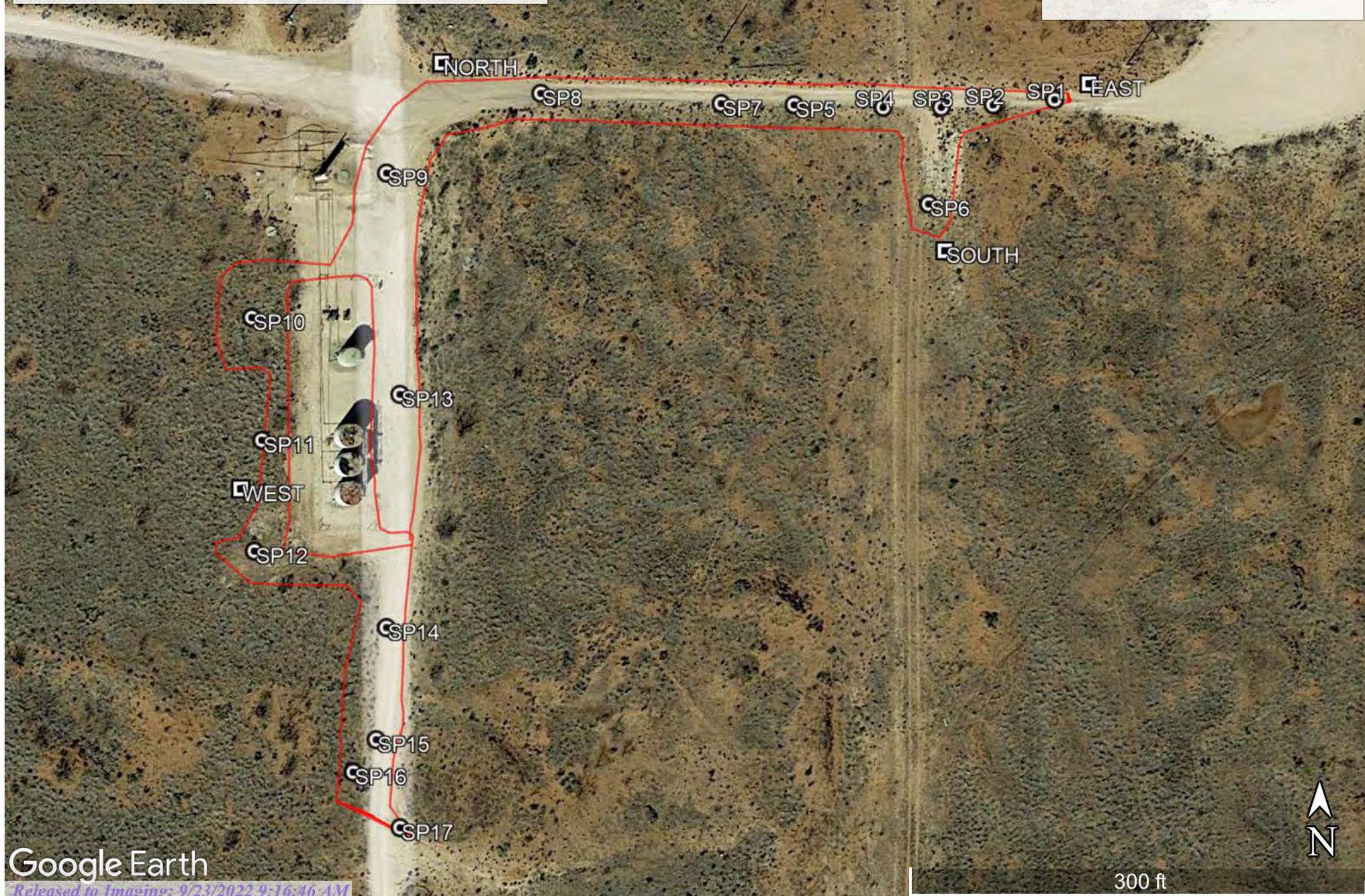
Cliff P. Brunson, CEI, CRS  
President  
BBC International, Inc.  
World-Wide Environmental Specialists  
Mailing Address:  
P. O. Box 805  
Hobbs, NM 88241-0805 USA  
Shipping Address:  
1324 W. Marland St.

# JR OIL LTD, BRUNSON C LEASE

LEAK DATE: 9/4/21  
INCIDENT # nAPP2126026738  
LEA COUNTY, NM

## Legend

- ▣ CARDINAL SAMPLE POINT
- 🔴 LEAK AREA
- ⊙ SAMPLE POINT

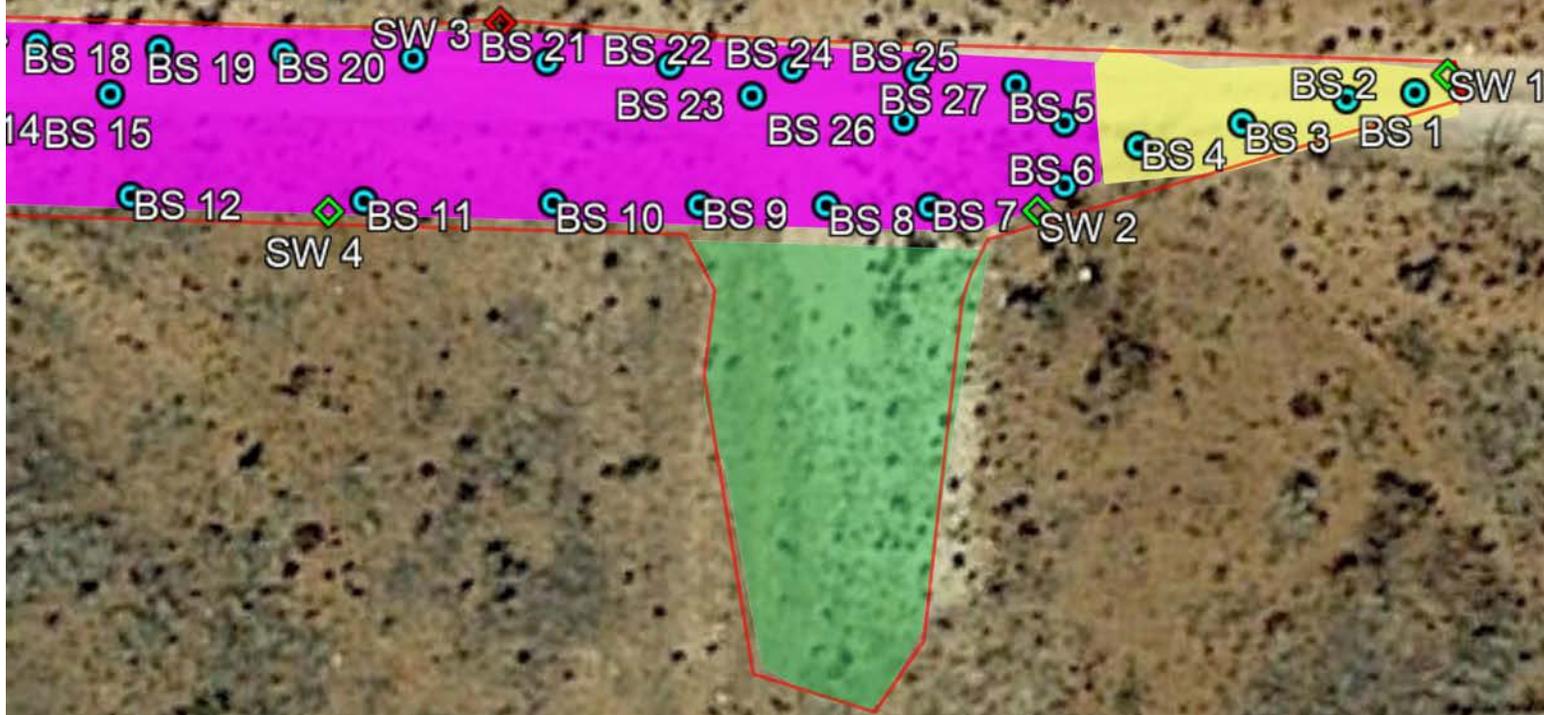


# JR OIL- BRUNSON C LEASE

LEAK DATE 9/4/2021  
INCIDENT # nAPP2126026738  
LEA COUNTY , NM

## Legend

-  1' EXCAVATION
-  2' EXCAVATION
-  3' EXCAVATION
-  BOTTOM CONFIRMATION SAMPLE POINTS
-  LEAK AREA
-  SIDEWALL CONFIRMATION SAMPLE POINTS
-  ZERO REMEDIATION



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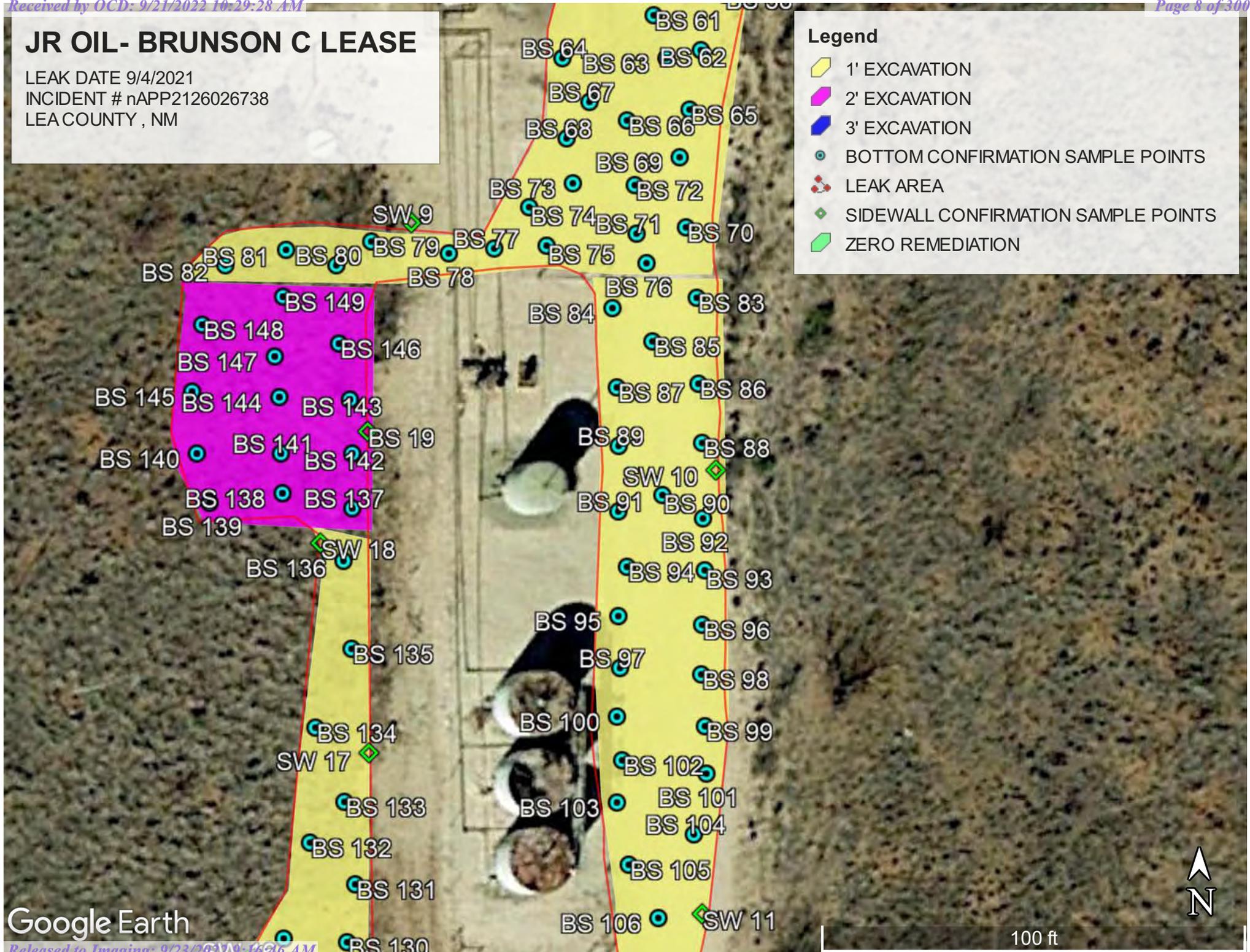
Google Earth

# JR OIL- BRUNSON C LEASE

LEAK DATE 9/4/2021  
INCIDENT # nAPP2126026738  
LEA COUNTY , NM

**Legend**

- 1' EXCAVATION
- 2' EXCAVATION
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- BOTTOM CONFIRMATION SAMPLE POINTS
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- ZERO REMEDIATION

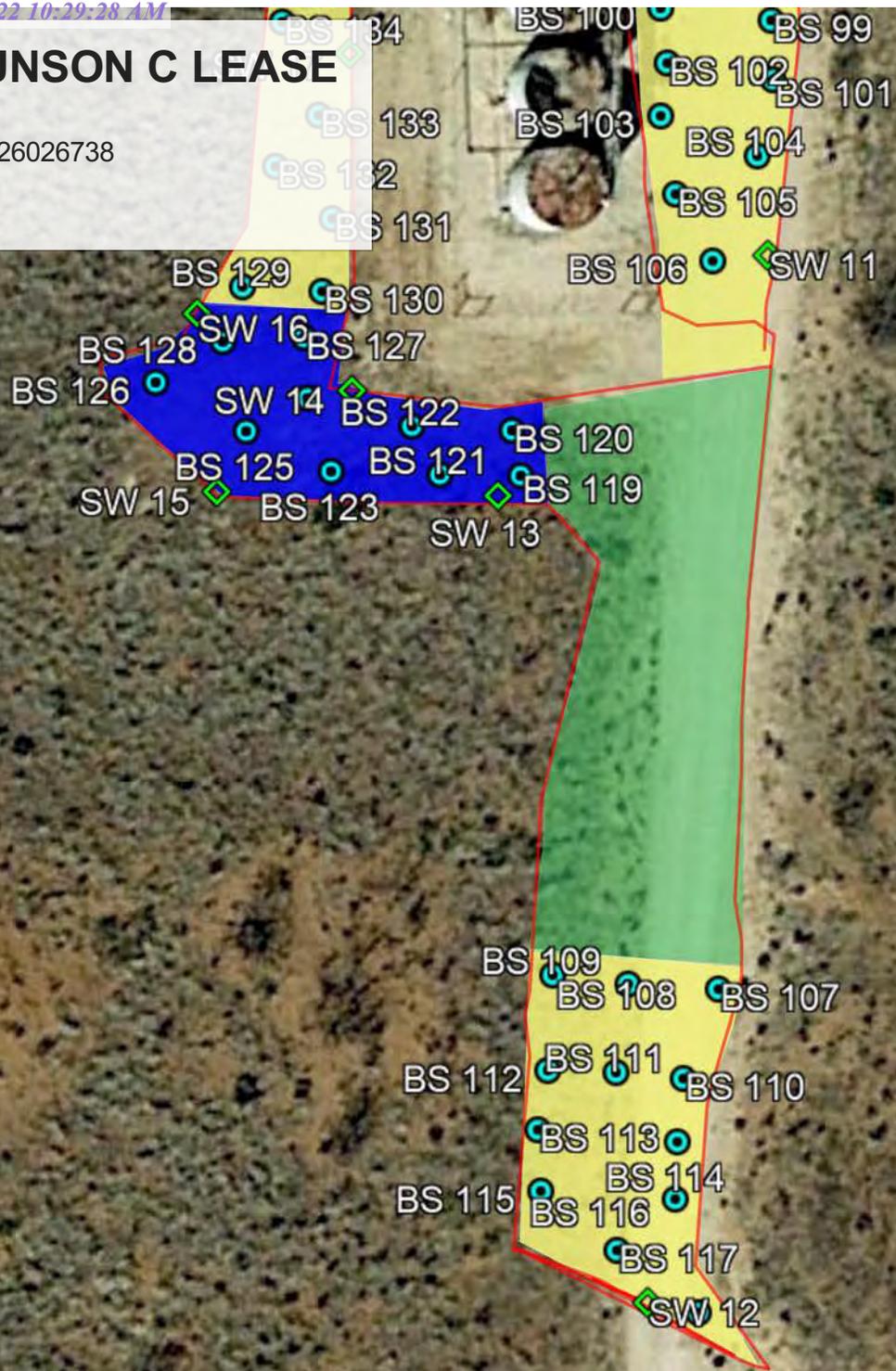


# JR OIL- BRUNSON C LEASE

LEAK DATE 9/4/2021  
INCIDENT # nAPP2126026738  
LEA COUNTY , NM

## Legend

- 1' EXCAVATION
- 2' EXCAVATION
- 3' EXCAVATION
- BOTTOM CONFIRMATION SAMPLE POINTS
- LEAK AREA
- ◆ SIDEWALL CONFIRMATION SAMPLE POINTS
- ZERO REMEDIATION



JR OIL BRUNSON C LEASE (9/4/21) SAMPLE DATE 7-29-22-8-1-22-8-2-22

AREA 1

BS 1	N 32.41890	W-130.14590
BS 2	N 32.41890	W-103.14564
BS 3	N 32.41890	W-103.14566
BS 4	N 32.41567	W-103.14567

AREA 2

BS 5	N 32.41890	W-103.14570
BS 6	N 32.41888	W-103.14574
BS 7	N 32.41890	W-103.14574
BS 8	N 32.41892	W-103.14577
BS 9	N32.41890	W-103.14579
BS 10	N 32.41891	W-103.14581
BS 12	N32.41891	W-103.14588
BS 13	N 32.41890	W-103.14586
BS 14	N 32.41589	W-103.14589
BS 15	N 32.41892	W-103.14592
BS 16	N 32.41889	W-103.14591
BS 17	N 32.41891	W-103.14597
BS 18	N 32.41597	W-103.14598
BS 19	N 32.41891	W-103.14600
BS 20	N 32.41890	W-103.14605
BS 21	N 32.41889	W-103.14604
BS 22	N 32.41892	W-103.14610
BS 23	N 32.41890	W-103.14611
BS 24	N 32.41891	W-103.14614
BS 25	N 32.41891	W-103.14618
BS 26	N 32.41890	W-103.14890
BS 27	N 32.41891	W-103.14621

AREA3

BS 28	N 32.41893	W-103.14624
BS 29	N 32.41890	W-103.14627
BS 30	N 32.41893	W-103.14626
BS 31	N 32.41894	W-103.14632
BS 32	N 32.41892	W-103.14631
BS 33	N 32.41893	W-103.14635
BS 34	N 32.41894	W-103.14638
BS 35	N 32.41892	W-103.14683
BS 36	N 32.41893	W-103.14641
BS 37	N 32.41894	W-103.14644
BS 38	N 32.41892	W-103.14644
BS 39	N 32.41894	W-103.14648
BS 40	N 32.41895	W-103.14650
BS 41	N 32.41894	W-103.14654

BS 42	N 32.41896	W-103.14657
BS 43	N 32.41893	W-103.14658
BS 44	N 32.41894	W-103.14660
BS 45	N 32.41896	W-103.14896
BS 46	N 32.41892	W-103.14664
BS 47	N 32.41892	W-103.14667
BS 48	N 32.41897	W-103.14670
BS 49	N 32.41891	W- 130.14671
BS 50	N 32.41893	W-103.14670
BS 51	N 32.41894	W-103.14676
BS 52	N 32.41898	W-103.14677
BS 53	N 32.41891	W-103.14679
BS 54	N 32.41894	W-103.14685
BS 55	N 32.41890	W-103.14682
BS 56	N 32.41888	W-103.14680
BS 57	N 32.41890	W-103.14687
BS 58	N 32.41892	W-103.14685
BS 59	N 32.41890	W-103.14685
BS 60	N 32.41888	W-103.14684
BS 61	N 32.41889	W-103.14690
BS 62	N 32.41886	W-103.14688
BS 63	N32.41885	W-103.14685
BS 64	N 32.41885	W-103.14693
BS 65	N 32.41883	W-103.14691
BS 66	N 32.41888	W-103.14689
BS 67	N 32.41880	W-103.14694
BS 68	N 32.41879	W-103.14692
BS 69	N 32.41878	W-103.14690
BS 70	N 32.41877	W-103.14693
BS 71	N 32.41876	W-103.14691
BS 72	N 32.41875	W-103.14875
BS 73	N 32.41873	W-103.14694
BS 74	N 32.41872	W-103.14692
BS 75	N 32.41873	W-103.14690
BS 76	N 32.41871	W-103.14695
BS 77	N 32.41866	W-103.14691
BS 78	N 32.41866	W-103.14834
BS 79	N 32.41866	W-103.14697
BS 80	N32.41865	W-103.14702
BS 81	N 32.41864	W-103.14708
BS 82	N 32.41863	W-103.14723
AREA 4		
BS 83	N 32.41860	W-103.14692
BS 84	N 32.41861	W-103.14695
BS 85	N 32.41859	W-103.14696
BS 86	N 32.41858	W-103.14690

BS 87	N 32.41855	W-103.14691
BS 88	N 32.41853	W-103.14693
BS 89	N 32.41852	W-103.14690
BS 90	N 32.41847	W-103.14693
BS 91	N 32.41847	W-103.14690
BS 92	N 32.41843	W-103.14691
BS 93	N 32.41842	W-103.14689
BS 94	N 32.41849	W-103.14692
BS 95	N 32.41838	W-103.14693
BS 96	N 32.41838	W-103.14690
BS 97	N 32.41832	W-103.14694
BS 98	N 32.41881	W-103.14690
BS 99	N 32.41829	W-103.14692
BS 100	N 32.41828	W-103.14699
BS 101	N 32.41827	W-103.14827
BS 102	N 32.41822	W-103.14693
BS 103	N 32.41822	W-103.14822
BS 104	N32.41819	W-103.14696
BS 105	N 32.41818	W-103.14691
BS 106	N 32.41818	W-103.14689

AREA 5

BS 107	N 32.41781	W-103.14695
BS 108	N 32.41780	W-103.14693
BS 109	N 32.41787	W-103.14695
BS 110	N 32.41780	W-103.14693
BS 111	N 32.41780	W-103.14691
BS 112	N 32.41777	W-103.14692
BS 113	N 32.41775	W-103.14696
BS 114	N 32.41773	W-103.14695
BS 115	N 32.41775	W-103.14727
BS 116	N 32.41772	W-103.14697
BS 117	N 32.41771	W-103.14695
BS 118	N 32.41772	W-103.14692

AREA 6

BS 119	N 32.41796	W-103.14694
BS 120	N 32.41768	W-103.14693
BS 121	N 32.41767	W-103.14689
BS 122	N 32.41816	W-103.14706
BS 123	N 32.41810	W-103.14709
BS 124	N 32.41814	W-103.14714
BS 125	N 32.41812	W-103.14715
BS 126	N 32.41818	W-103.14716
BS 127	N 32.41815	W-103.14720
BS 128	N 32.41817	W-103.14722

AREA 7

BS 129	N 32.41817	W-103.14720
BS 130	N 32.41816	W-103.14723
BS 131	N 32.41822	W-103.14714
BS 132	N 32.41824	W-103.14716
BS 133	N 32.41826	W-103.14714
BS 134	N 32.41828	W-103.14717
BS 135	N 32.41830	W-103.14714
BS 136	N 32.41834	W-103.14716

AREA 8

BS 137	N 32.41836	W-103.14714
BS 138	N 32.41842	W-103.14716
BS 139	N 32.41844	W-103.14715
BS 140	N 32.41847	W-103.14718
BS 141	N 32.41847	W-103.14716
BS 142	N 32.41848	W-103.14720
BS 143	N 32.41849	W-103.14722
BS 144	N 32.41849	W-103.14725
BS 145	N 32.41853	W-103.14718
BS 146	N 32.41850	W-130.14721
BS 147	N 32.41851	W-103.14724
BS 148	N 32.41853	W-103.14725
BS 149	N 32.41858	W-103.14715

SW 1	N 32.41890	W-103.14559
SW 2	N 32.41890	W-103.14570
SW 3	N 32.41892	W- 103.14591
SW 4	N 32.41889	W-103.14592
SW 5	N 32.41891	W-103.14621
SW 6	N 32.41891	W-103.14625
SW 7	N 32.41889	W-103.14677
SW 8	N 32.41888	W-103.14676
SW 9	N 32.41858	W-103.14715
SW 10	N 32.41860	W-103.14694
SW 11	N 32.41816	W-103.14688
SW 12	N 32.41780	W-103.14693
SW 13	N 32.41816	W-103.14706
SW 14	N 32.41812	W-103.14715
SW 15	N 32.41821	W-103.14720
SW 16	N 32.41824	W-103.14716
SW 17	N 32.41824	W-103.14714
SW 18	N 32.41847	W-103.14718
SW 19	N 32.41847	W-103.14716
SW 20	N 32.41858	W-103.14715

JR OIL

BRUNSON C LEASE CTB

LEAK DATE 9/4/21

SAMPLE DATES: 12/27/21 & 12/28/21

NORTH	32.418975, -103.146826
EAST	32.418942, -103.145465
WEST	32.418222, -103.147244
SOUTH	32.418644, -103.145771
SP 1	32.418913, -103.145539
SP 2	32.418903, -103.145669
SP 3	32.418898, -103-145779
SP 4	32.418898, -103.145901
SP 5	32.418902, -103.146088
SP 6	32.418726, -103.145805
SP 7	32.418904, -103.146241
SP 8	32.418923, -103.146620
SP 9	32.418779, -103.146941
SP 10	32.418524, -103.147222
SP 11	32.418308, -103.147200
SP 12	32.418113, -103.147216
SP 13	32.418389, -103.146913
SP 14	32.417977, -103.146941
SP 15	32.417779, -103.146963
SP 16	32.417722, -103.147011
SP 17	32.417623, -103.146914







	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8	SW 9	SW 10	SW 11	SW 12	SW 13	SW 14	SW 15	SW 16	SW 17	SW 18	
Analyte	Date	8/2/22	8/2/22	8/2/22	8/2/22	8/2/22	8/2/22	8/2/22	8/2/22	8/2/22	8/2/22	8/2/22	8/2/22	8/2/22	8/2/22	8/2/22	8/2/22	8/2/22	8/2/22	8/2/22
		mg/kg																		
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<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	<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	<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	<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	<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	<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	<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	<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	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	SW 19	SW 20
Analyte	Date	8/2/22	8/2/22
		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	North @ Surface	East @ Surface	West @ Surface	South @ Surface
Analyte	Method	Date	12/27/21	12/27/21	12/27/21	12/27/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<b>16.0</b>	<16.0	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample ID	SP1 @ Surface	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	12/27/21	12/27/21	12/27/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500Cl-B		<b>192</b>	<b>64.0</b>	<b>48.0</b>
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		<b>107</b>	<10.0	N/A
EXT DRO	TPH 8015M		<b>72.6</b>	<b>15.2</b>	N/A

		Sample ID	SP2 @ Surface	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	12/27/21	12/27/21	12/27/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500Cl-B		<b>32.0</b>	<b>48.0</b>	<b>176</b>
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		<b>404</b>	<10.0	N/A
EXT DRO	TPH 8015M		<b>300</b>	<10.0	N/A

		Sample ID	SP3 @ Surface	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'
Analyte	Method	Date	12/27/21	12/27/21	12/27/21	12/27/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		<b>112</b>	<b>544</b>	<b>256</b>	<b>176</b>
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		<b>61.9</b>	<10.0	N/A	N/A
EXT DRO	TPH 8015M		<b>55.0</b>	<10.0	N/A	N/A

Analyte	Method	Sample ID	SP4 @	SP4 @ 1'	SP4 @ 2'
			Surface		
		Date	12/27/21	12/27/21	12/27/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500Cl-B		<b>32.0</b>	<b>272</b>	<b>64.0</b>
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		<b>598</b>	<10.0	N/A
EXT DRO	TPH 8015M		<b>425</b>	<10.0	N/A

Analyte	Method	Sample ID	SP5 @	SP5 @ 1'	SP5 @ 2'
			Surface		
		Date	12/27/21	12/27/21	12/27/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<b>48.0</b>	<b>288</b>	<b>208</b>
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<b>4740</b>	<b>260</b>	<b>15.0</b>
EXT DRO	TPH 8015M		<b>1630</b>	<b>85.9</b>	<10.0

Analyte	Method	Sample ID	SP6 @	SP6 @ 1'	SP6 @ 2'
			Surface		
		Date	12/27/21	12/27/21	12/27/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500Cl-B		<b>512</b>	<b>384</b>	<b>96.0</b>
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		<b>31.6</b>	<10.0	N/A
EXT DRO	TPH 8015M		<b>27.2</b>	<10.0	N/A

Analyte	Method	Sample ID	SP7 @	SP7 @ 1'	SP7 @ 2'	SP7 @ 3'
			Surface			
		Date	12/27/21	12/27/21	12/27/21	12/27/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<b>192</b>	<b>112</b>	<b>352</b>	<b>240</b>
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<b>510</b>	<b>264</b>	<10.0	<10.0
EXT DRO	TPH 8015M		<b>310</b>	<b>74.6</b>	<10.0	<10.0

		Sample ID	SP8 @ Surface	SP8 @ 1'	SP8 @ 2'
Analyte	Method	Date	12/27/21	12/27/21	12/27/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500Cl-B		240	32.0	64.0
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		88.9	<10.0	N/A
EXT DRO	TPH 8015M		61.8	12.7	N/A

		Sample ID	SP9 @ Surface	SP9 @ 1'	SP9 @ 2'
Analyte	Method	Date	12/28/21	12/28/21	12/28/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500Cl-B		256	112	208
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		705	<10.0	N/A
EXT DRO	TPH 8015M		380	<10.0	N/A

		Sample ID	SP10 @ Surface	SP10 @ 1'	SP10 @ 2'
Analyte	Method	Date	12/28/21	12/28/21	12/28/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		32.0	32.0	32.0
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		71.8	62.9	<10.0
EXT DRO	TPH 8015M		147	130	<10.0

		Sample ID	SP11 @ Surface	SP11 @ 1'	SP11 @ 2'
Analyte	Method	Date	12/28/21	12/28/21	12/28/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500Cl-B		800	80.0	48.0
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		425	<10.0	N/A
EXT DRO	TPH 8015M		253	<10.0	N/A

Analyte	Method	Sample ID	SP12 @	SP12 @ 1'	SP12 @ 2'	SP12 @ 3'	SP12 @ 4'
			Surface				
		Date	12/28/21	12/28/21	12/28/21	1/10/22	1/10/22
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		<b>48.0</b>	<b>32.0</b>	<b>16.0</b>	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<b>114</b>	<b>311</b>	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<b>173</b>	<b>259</b>	<10.0	<10.0

Analyte	Method	Sample ID	SP13 @	SP13 @ 1'	SP13 @ 2'
			Surface		
		Date	12/28/21	12/28/21	12/28/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500CI-B		<b>48.0</b>	<b>16.0</b>	<b>32.0</b>
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		<b>616</b>	<10.0	N/A
EXT DRO	TPH 8015M		<b>329</b>	<10.0	N/A

Analyte	Method	Sample ID	SP14 @	SP14 @ 1'	SP14 @ 2'	SP14 @ 3'
			Surface			
		Date	12/28/21	12/28/21	12/28/21	12/28/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A
Chloride	SM4500CI-B		<b>64.0</b>	<b>160</b>	<b>352</b>	<b>32.0</b>
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		<b>59.6</b>	<10.0	N/A	N/A
EXT DRO	TPH 8015M		<b>21.2</b>	<10.0	N/A	N/A

Analyte	Method	Sample ID	SP15 @	SP15 @ 1'	SP15 @ 2'
			Surface		
		Date	12/28/21	12/28/21	12/28/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500CI-B		<b>144</b>	<b>32.0</b>	<b>96.0</b>
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		<b>69.2</b>	<10.0	N/A
EXT DRO	TPH 8015M		<b>43.1</b>	<10.0	N/A

Analyte	Method	Sample ID	SP16 @	SP16 @ 1'	SP16 @ 2'
			Surface		
Date			12/28/21	12/28/21	12/28/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<b>48.0</b>	<b>16.0</b>	<b>32.0</b>
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<b>152</b>	<10.0
EXT DRO	TPH 8015M		<10.0	<b>93.9</b>	<10.0

Analyte	Method	Sample ID	SP17 @	SP17 @ 1'	SP17 @ 2'	SP17 @ 3'
			Surface			
Date			12/28/21	12/28/21	12/28/21	12/28/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		<b>784</b>	<b>400</b>	<b>80.0</b>	<b>48.0</b>
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		<b>529</b>	<10.0	N/A	N/A
EXT DRO	TPH 8015M		<b>219</b>	<10.0	N/A	N/A



JR OIL -BRUNSON C LEASE (9/4/21)





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JR OIL -BRUNSON C LEASE (9/4/21)





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

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August 09, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: JR OIL - BRUNSON C LEASE (9/4/21)

Enclosed are the results of analyses for samples received by the laboratory on 08/03/22 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 54 @ 1' (H223479-01)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7		
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	173	86.6	200	10.9		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 67.6 % 43-149

Surrogate: 1-Chlorooctadecane 70.5 % 42.5-161

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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 55 @ 1' (H223479-02)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7	
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	173	86.6	200	10.9	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 69.7 % 43-149

Surrogate: 1-Chlorooctadecane 74.2 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 56 @ 1' (H223479-03)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7	
<b>Toluene*</b>	<b>0.051</b>	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	173	86.6	200	10.9	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 66.4 % 43-149

Surrogate: 1-Chlorooctadecane 70.2 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 57 @ 1' (H223479-04)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7	
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	173	86.6	200	10.9	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 64.8 % 43-149

Surrogate: 1-Chlorooctadecane 68.6 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 58 @ 1' (H223479-05)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7	
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	173	86.6	200	10.9	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 66.2 % 43-149

Surrogate: 1-Chlorooctadecane 69.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 59 @ 1' (H223479-06)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7	
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	173	86.6	200	10.9	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 58.8 % 43-149

Surrogate: 1-Chlorooctadecane 62.4 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 60 @ 1' (H223479-07)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7	
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	173	86.6	200	10.9	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 70.3 % 43-149

Surrogate: 1-Chlorooctadecane 74.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 61 @ 1' (H223479-08)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7	
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	173	86.6	200	10.9	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 60.9 % 43-149

Surrogate: 1-Chlorooctadecane 63.6 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 62 @ 1' (H223479-09)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7	
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	173	86.6	200	10.9	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 69.6 % 43-149

Surrogate: 1-Chlorooctadecane 73.9 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 63 @ 1' (H223479-10)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7	
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 43-149

Surrogate: 1-Chlorooctadecane 90.8 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 64 @ 1' (H223479-11)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7		
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 81.3 % 43-149

Surrogate: 1-Chlorooctadecane 75.6 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 65 @ 1' (H223479-12)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7	
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 73.2 % 43-149

Surrogate: 1-Chlorooctadecane 67.5 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 66 @ 1' (H223479-13)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7	
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 87.6 % 43-149

Surrogate: 1-Chlorooctadecane 81.7 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 67 @ 1' (H223479-14)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7	
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 87.2 % 43-149

Surrogate: 1-Chlorooctadecane 81.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 68 @ 1' (H223479-15)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7		
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 82.0 % 43-149

Surrogate: 1-Chlorooctadecane 76.9 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 69 @ 1' (H223479-16)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7	
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 88.5 % 43-149

Surrogate: 1-Chlorooctadecane 83.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 70 @ 1' (H223479-17)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7	
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 90.1 % 43-149

Surrogate: 1-Chlorooctadecane 84.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 71 @ 1' (H223479-18)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7	
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 87.8 % 43-149

Surrogate: 1-Chlorooctadecane 85.4 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 72 @ 1' (H223479-19)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7	
Toluene*	<0.050	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1	
Total BTEX	<0.300	0.300	08/08/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 84.8 % 43-149

Surrogate: 1-Chlorooctadecane 79.0 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 73 @ 1' (H223479-20)**

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	08/08/2022	ND	1.85	92.6	2.00	13.7	
<b>Toluene*</b>	<b>0.050</b>	0.050	08/08/2022	ND	1.91	95.6	2.00	14.5	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.94	96.8	2.00	14.5	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.90	98.3	6.00	14.1	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 96.8 % 43-149

Surrogate: 1-Chlorooctadecane 93.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 74 @ 1' (H223479-21)**

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	08/08/2022	ND	1.79	89.4	2.00	13.2		
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2		
Total BTEX	<0.300	0.300	08/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 96.9 % 43-149

Surrogate: 1-Chlorooctadecane 91.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 75 @ 1' (H223479-22)**

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	08/08/2022	ND	1.79	89.4	2.00	13.2	
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2	
Total BTEX	<0.300	0.300	08/08/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 92.4 % 43-149

Surrogate: 1-Chlorooctadecane 87.5 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 76 @ 1' (H223479-23)**

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	08/08/2022	ND	1.79	89.4	2.00	13.2		
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2		
Total BTEX	<0.300	0.300	08/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 90.5 % 43-149

Surrogate: 1-Chlorooctadecane 85.1 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 77 @ 1' (H223479-24)**

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	08/08/2022	ND	1.79	89.4	2.00	13.2	
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2	
Total BTEX	<0.300	0.300	08/08/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 43-149

Surrogate: 1-Chlorooctadecane 82.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 78 @ 1' (H223479-25)**

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	08/08/2022	ND	1.79	89.4	2.00	13.2		
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 94.3 % 43-149

Surrogate: 1-Chlorooctadecane 88.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 79 @ 1' (H223479-26)**

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	08/08/2022	ND	1.79	89.4	2.00	13.2		
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2		
Total BTEX	<0.300	0.300	08/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 93.6 % 43-149

Surrogate: 1-Chlorooctadecane 88.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 80 @ 1' (H223479-27)**

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	08/08/2022	ND	1.79	89.4	2.00	13.2	
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2	
Total BTEX	<0.300	0.300	08/08/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 95.5 % 43-149

Surrogate: 1-Chlorooctadecane 89.8 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 81 @ 1' (H223479-28)**

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	08/08/2022	ND	1.79	89.4	2.00	13.2	
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2	
Total BTEX	<0.300	0.300	08/08/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 81.7 % 43-149

Surrogate: 1-Chlorooctadecane 76.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 82 @ 1' (H223479-29)**

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	08/08/2022	ND	1.79	89.4	2.00	13.2		
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2		
Total BTEX	<0.300	0.300	08/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	222	111	200	7.99		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	231	115	200	3.17		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 84.6 % 43-149

Surrogate: 1-Chlorooctadecane 80.8 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 83 @ 1' (H223479-30)**

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	08/08/2022	ND	1.79	89.4	2.00	13.2		
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2		
Total BTEX	<0.300	0.300	08/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 79.9 % 43-149

Surrogate: 1-Chlorooctadecane 92.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 84 @ 1' (H223479-31)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	ND	1.79	89.4	2.00	13.2		
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2		
Total BTEX	<0.300	0.300	08/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 77.8 % 43-149

Surrogate: 1-Chlorooctadecane 90.0 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 85 @ 1' (H223479-32)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	ND	1.79	89.4	2.00	13.2		
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 78.2 % 43-149

Surrogate: 1-Chlorooctadecane 90.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 86 @ 1' (H223479-33)**

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	08/08/2022	ND	1.79	89.4	2.00	13.2		
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 71.1 % 43-149

Surrogate: 1-Chlorooctadecane 82.8 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 87 @ 1' (H223479-34)**

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	08/08/2022	ND	1.79	89.4	2.00	13.2	
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2	
Total BTEX	<0.300	0.300	08/08/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 76.2 % 43-149

Surrogate: 1-Chlorooctadecane 89.0 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 88 @ 1' (H223479-35)**

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	08/08/2022	ND	1.79	89.4	2.00	13.2	
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2	
Total BTEX	<0.300	0.300	08/08/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 77.4 % 43-149

Surrogate: 1-Chlorooctadecane 89.8 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 89 @ 1' (H223479-36)**

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	08/08/2022	ND	1.79	89.4	2.00	13.2		
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2		
Total BTEX	<0.300	0.300	08/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 76.8 % 43-149

Surrogate: 1-Chlorooctadecane 88.4 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 90 @ 1' (H223479-37)**

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	08/08/2022	ND	1.79	89.4	2.00	13.2		
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2		
Total BTEX	<0.300	0.300	08/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 75.2 % 43-149

Surrogate: 1-Chlorooctadecane 86.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 91 @ 1' (H223479-38)**

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	08/08/2022	ND	1.79	89.4	2.00	13.2		
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2		
Total BTEX	<0.300	0.300	08/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 67.9 % 43-149

Surrogate: 1-Chlorooctadecane 79.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 92 @ 1' (H223479-39)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	ND	1.79	89.4	2.00	13.2		
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2		
Total BTEX	<0.300	0.300	08/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 75.5 % 43-149

Surrogate: 1-Chlorooctadecane 85.4 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 93 @ 1' (H223479-40)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	ND	1.79	89.4	2.00	13.2		
Toluene*	<0.050	0.050	08/08/2022	ND	1.94	97.0	2.00	11.4		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	1.88	94.0	2.00	12.3		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	5.85	97.5	6.00	12.2		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 77.8 % 43-149

Surrogate: 1-Chlorooctadecane 88.0 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 94 @ 1' (H223479-41)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	ND	1.95	97.7	2.00	10.3		
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 78.3 % 43-149

Surrogate: 1-Chlorooctadecane 90.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 95 @ 1' (H223479-42)**

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	08/08/2022	ND	1.95	97.7	2.00	10.3	
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 72.9 % 43-149

Surrogate: 1-Chlorooctadecane 82.4 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 96 @ 1' (H223479-43)**

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	08/08/2022	ND	1.95	97.7	2.00	10.3		
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 77.8 % 43-149

Surrogate: 1-Chlorooctadecane 89.0 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 97 @ 1' (H223479-44)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	ND	1.95	97.7	2.00	10.3		
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 73.1 % 43-149

Surrogate: 1-Chlorooctadecane 83.1 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 98 @ 1' (H223479-45)**

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	08/08/2022	ND	1.95	97.7	2.00	10.3	
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 74.7 % 43-149

Surrogate: 1-Chlorooctadecane 85.1 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 99 @ 1' (H223479-46)**

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	08/08/2022	ND	1.95	97.7	2.00	10.3		
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 78.6 % 43-149

Surrogate: 1-Chlorooctadecane 92.0 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 100 @ 1' (H223479-47)**

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	08/08/2022	ND	1.95	97.7	2.00	10.3		
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 74.1 % 43-149

Surrogate: 1-Chlorooctadecane 85.3 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 101 @ 1' (H223479-48)**

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	08/08/2022	ND	1.95	97.7	2.00	10.3		
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 69.8 % 43-149

Surrogate: 1-Chlorooctadecane 80.8 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 102 @ 1' (H223479-49)**

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	08/08/2022	ND	1.95	97.7	2.00	10.3	
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	192	96.1	200	7.43	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	211	106	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 71.1 % 43-149

Surrogate: 1-Chlorooctadecane 81.1 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 103 @ 1' (H223479-50)**

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	08/08/2022	ND	1.95	97.7	2.00	10.3	
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2022	ND	224	112	200	0.930	
DRO >C10-C28*	<10.0	10.0	08/05/2022	ND	210	105	200	0.682	
EXT DRO >C28-C36	<10.0	10.0	08/05/2022	ND					

Surrogate: 1-Chlorooctane 74.1 % 43-149

Surrogate: 1-Chlorooctadecane 84.3 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 104 @ 1' (H223479-51)**

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	08/08/2022	ND	1.95	97.7	2.00	10.3	
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	195	97.5	200	3.96	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	213	106	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 82.2 % 43-149

Surrogate: 1-Chlorooctadecane 88.6 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 105 @ 1' (H223479-52)**

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	08/08/2022	ND	1.95	97.7	2.00	10.3	
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	195	97.5	200	3.96	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	213	106	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 80.3 % 43-149

Surrogate: 1-Chlorooctadecane 88.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 106 @ 1' (H223479-53)**

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	08/08/2022	ND	1.95	97.7	2.00	10.3		
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	195	97.5	200	3.96		
<b>DRO &gt;C10-C28*</b>	<b>20.4</b>	10.0	08/08/2022	ND	213	106	200	5.28		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 79.3 % 43-149

Surrogate: 1-Chlorooctadecane 90.4 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 107 @ 1' (H223479-54)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	ND	1.95	97.7	2.00	10.3		
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	195	97.5	200	3.96		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	213	106	200	5.28		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 77.5 % 43-149

Surrogate: 1-Chlorooctadecane 83.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 108 @ 1' (H223479-55)**

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	08/08/2022	ND	1.95	97.7	2.00	10.3	
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	195	97.5	200	3.96	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	213	106	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 43-149

Surrogate: 1-Chlorooctadecane 91.1 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 109 @ 1' (H223479-56)**

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	08/08/2022	ND	1.95	97.7	2.00	10.3	
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	195	97.5	200	3.96	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	213	106	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 71.2 % 43-149

Surrogate: 1-Chlorooctadecane 76.9 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 110 @ 1' (H223479-57)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	ND	1.95	97.7	2.00	10.3		
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	195	97.5	200	3.96		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	213	106	200	5.28		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 74.6 % 43-149

Surrogate: 1-Chlorooctadecane 81.7 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 111 @ 1' (H223479-58)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2022	ND	1.95	97.7	2.00	10.3	
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	195	97.5	200	3.96	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	213	106	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 105 % 43-149

Surrogate: 1-Chlorooctadecane 116 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 112 @ 1' (H223479-59)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	ND	1.95	97.7	2.00	10.3		
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	195	97.5	200	3.96		
<b>DRO &gt;C10-C28*</b>	<b>24.3</b>	10.0	08/08/2022	ND	213	106	200	5.28		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 87.3 % 43-149

Surrogate: 1-Chlorooctadecane 100 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 113 @ 1' (H223479-60)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	ND	1.95	97.7	2.00	10.3		
Toluene*	<0.050	0.050	08/08/2022	ND	2.01	101	2.00	11.0		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.04	102	2.00	10.7		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.26	104	6.00	10.9		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	195	97.5	200	3.96		
<b>DRO &gt;C10-C28*</b>	<b>25.0</b>	10.0	08/08/2022	ND	213	106	200	5.28		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 101 % 43-149

Surrogate: 1-Chlorooctadecane 122 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 114 @ 1' (H223479-61)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	ND	1.89	94.7	2.00	5.87		
Toluene*	<0.050	0.050	08/08/2022	ND	1.95	97.5	2.00	6.51		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.00	99.8	2.00	6.25		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.14	102	6.00	6.21		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	195	97.5	200	3.96		
<b>DRO &gt;C10-C28*</b>	<b>23.5</b>	10.0	08/08/2022	ND	213	106	200	5.28		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 110 % 43-149

Surrogate: 1-Chlorooctadecane 131 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 115 @ 1' (H223479-62)**

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	08/08/2022	ND	1.89	94.7	2.00	5.87		
Toluene*	<0.050	0.050	08/08/2022	ND	1.95	97.5	2.00	6.51		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.00	99.8	2.00	6.25		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.14	102	6.00	6.21		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	195	97.5	200	3.96		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	213	106	200	5.28		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 105 % 43-149

Surrogate: 1-Chlorooctadecane 118 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 116 @ 1' (H223479-63)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2022	ND	1.89	94.7	2.00	5.87	
Toluene*	<0.050	0.050	08/08/2022	ND	1.95	97.5	2.00	6.51	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.00	99.8	2.00	6.25	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.14	102	6.00	6.21	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	195	97.5	200	3.96	
<b>DRO &gt;C10-C28*</b>	<b>25.7</b>	10.0	08/08/2022	ND	213	106	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 102 % 43-149

Surrogate: 1-Chlorooctadecane 117 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/01/2022
Reported:	08/09/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 117 @ 1' (H223479-64)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	ND	1.89	94.7	2.00	5.87		
Toluene*	<0.050	0.050	08/08/2022	ND	1.95	97.5	2.00	6.51		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.00	99.8	2.00	6.25		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.14	102	6.00	6.21		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	195	97.5	200	3.96		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	213	106	200	5.28		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 101 % 43-149

Surrogate: 1-Chlorooctadecane 112 % 42.5-161

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Notes and Definitions

- QR-04            The RPD for the BS/BSD was outside of historical limits.
- 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**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc.  
 Project Manager: Cliff Brunson  
 Address: P.O. Box 805 State: NM Zip: 88241  
 City: Hobbs Fax #: 575-397-0397  
 Phone #: 575-397-6388 Project Owner:  
 Project #: Project Name: JR OIL - BRUNSON C LEASE (9/4/21)  
 Project Location: New Mexico  
 Sampler Name: SIMON  
 P.O. #: Company: Oxy  
 Attn: Address:  
 City: State: Zip:  
 Phone #: Fax #:  
 PRESERV: SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS
FB33479	BOTTOM SAMPLE 54 @ 1'	<input checked="" type="checkbox"/>	1	GROUNDWATER			8/01/22	7:40AM	Chloride
	BOTTOM SAMPLE 55 @ 1'	<input checked="" type="checkbox"/>	1	WASTEWATER			8/01/22	7:51AM	BTEX
	BOTTOM SAMPLE 56 @ 1'	<input checked="" type="checkbox"/>	1	SOIL			8/01/22	8:02AM	IPH EXT
	BOTTOM SAMPLE 57 @ 1'	<input checked="" type="checkbox"/>	1	OIL			8/01/22	8:10AM	
	BOTTOM SAMPLE 58 @ 1'	<input checked="" type="checkbox"/>	1	SLUDGE			8/01/22	8:18AM	
	BOTTOM SAMPLE 59 @ 1'	<input checked="" type="checkbox"/>	1	OTHER :			8/01/22	8:26AM	
	BOTTOM SAMPLE 60 @ 1'	<input checked="" type="checkbox"/>	1	ACID/BASE:			8/01/22	8:33AM	
	BOTTOM SAMPLE 61 @ 1'	<input checked="" type="checkbox"/>	1	ICE / COOL			8/01/22	8:41AM	
	BOTTOM SAMPLE 62 @ 1'	<input checked="" type="checkbox"/>	1	OTHER :			8/01/22	8:50AM	
	BOTTOM SAMPLE 63 @ 1'	<input checked="" type="checkbox"/>	1				8/01/22	9:01AM	

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Relinquished By: *[Signature]* Date: 8-3-22 Received By: *[Signature]* Date: 8-3-22  
 Time: 8:00 AM  
 Relinquished By: *[Signature]* Date: 8-3-22 Received By: *[Signature]* Date: 8-3-22  
 Time: 10:50  
 Delivered By: (Circle One)  UPS  Bus  Other: *[Signature]*  
 Sample - UPS - Bus - Other: *[Signature]*  
 Sample Condition:  Cool  Intact  
 Yes  No  
 CHECKED BY: *[Signature]* (Initials)

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

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

**ANALYSIS REQUEST**

**BILL TO**

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 Name: JR OIL - BRUNSON C LEASE (9/4/21)  
 Project Location: New Mexico  
 P.O. #: \_\_\_\_\_ Company: Oxy  
 Attn: \_\_\_\_\_ Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Sample Name: SIMON  
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER			
11	BOTTOM SAMPLE 64 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	9:10AM	✓	Chloride
12	BOTTOM SAMPLE 65 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	9:18AM	✓	BTEX
13	BOTTOM SAMPLE 66 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	9:26AM	✓	TPH EXT
14	BOTTOM SAMPLE 67 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	9:34AM	✓	
15	BOTTOM SAMPLE 68 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	9:41AM	✓	
16	BOTTOM SAMPLE 69 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	9:50AM	✓	
17	BOTTOM SAMPLE 70 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	9:58AM	✓	
18	BOTTOM SAMPLE 71 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	10:09AM	✓	
19	BOTTOM SAMPLE 72 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	10:17AM	✓	
20	BOTTOM SAMPLE 73 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	10:26AM	✓	

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Relinquished By: *Shaft Roma* Date: 8/3/22 Time: 8:00 AM Received By: *Shaft Roma*  
 Relinquished By: *Shaft Roma* Date: 8/3/22 Time: 8:32 AM Received By: *Shaft Roma*  
 Delivered By: (Circle One) *1-726-0-0-0* Sample Condition:  Cool  Intact  
 Sampler - UPS - Bus - Other: *2-32 #113*  Yes  Yes  
 CHECKED BY: *SR*

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

**BILL TO**

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 Name: JR OIL - BRUNSON C LEASE (9/4/21)  
 Project Location: New Mexico  
 Project Owner: \_\_\_\_\_  
 State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 City: \_\_\_\_\_  
 Phone #: \_\_\_\_\_  
 Fax #: \_\_\_\_\_

P.O. #: \_\_\_\_\_  
 Company: Oxy  
 Attn: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_  
 Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
48034179	BOTTOM SAMPLE 74 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	10:36AM	Chloride	
01	BOTTOM SAMPLE 75 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	10:44AM	BTEX	
02	BOTTOM SAMPLE 76 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	10:53AM	TPH EXT	
03	BOTTOM SAMPLE 77 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	11:00AM		
04	BOTTOM SAMPLE 78 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	11:10AM		
05	BOTTOM SAMPLE 79 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	11:17AM		
06	BOTTOM SAMPLE 80 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	11:25AM		
07	BOTTOM SAMPLE 81 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	11:33AM		
08	BOTTOM SAMPLE 82 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	11:40AM		
09	BOTTOM SAMPLE 83 @ 1'	<input checked="" type="checkbox"/>	1						8/01/22	11:48AM		

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Relinquished By: *[Signature]* Date: 8-3-22 Time: 8:00 AM  
 Received By: *[Signature]* Date: 8-3-22 Time: 10:50 AM  
 Relinquished By: *[Signature]* Date: 8-3-22 Time: 10:50 AM  
 Received By: *[Signature]* Date: 8-3-22 Time: 10:50 AM  
 Delivered By: (Circle One) - 178° - 0.6°  
 Sampler - UPS - Bus - Other: #113 - 2.3°  
 Sample Condition: Cool  Intact   
 Checked By: *[Signature]*

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

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

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc.  
 Project Manager: Cliff Brunson  
 Address: P.O. Box 805  
 City: Hobbs State: NM Zip: 88241  
 Phone #: 575-397-6388 Fax #: 575-397-0397  
 Project #: Project Owner:  
 Project Name: JR OIL - BRUNSON C LEASE (9/4/21)  
 Project Location: New Mexico  
 Sampler Name: SIMON  
 P.O. #: Company: Oxy  
 Attn: Address: City: State: Zip: Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
4033479	BOTTOM SAMPLE 84 @ 1'	(C)	1						8/01/22	11:55AM	✓	✓	✓	
	BOTTOM SAMPLE 85 @ 1'		1						8/01/22	12:03PM	✓	✓	✓	
	BOTTOM SAMPLE 86 @ 1'		1						8/01/22	12:10PM	✓	✓	✓	
	BOTTOM SAMPLE 87 @ 1'		1						8/01/22	12:19PM	✓	✓	✓	
	BOTTOM SAMPLE 88 @ 1'		1						8/01/22	12:25PM	✓	✓	✓	
	BOTTOM SAMPLE 89 @ 1'		1						8/01/22	12:33PM	✓	✓	✓	
	BOTTOM SAMPLE 90 @ 1'		1						8/01/22	12:48PM	✓	✓	✓	
	BOTTOM SAMPLE 91 @ 1'		1						8/01/22	12:57PM	✓	✓	✓	
	BOTTOM SAMPLE 92 @ 1'		1						8/01/22	1:07PM	✓	✓	✓	

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Relinquished By: [Signature] Date: 8-3-22 Time: 8:00 AM Received By: [Signature] Date: 8-3-22 Time: 10:50 AM  
 Delivered By: (Circle One) -1-726-0-06 Sample Condition: Cool Intact [Yes] [No] [Yes] [No]  
 Sampler - UPS - Bus - Other: -2-31-#115 CHECKED BY: [Signature] (Initials)

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc. P.O. #: \_\_\_\_\_  
 Project Manager: Cliff Brunson Company: Oxy  
 Address: P.O. Box 805 State: NM Zip: 88241 Attn: \_\_\_\_\_  
 City: Hobbs Address: \_\_\_\_\_  
 Phone #: 575-397-6388 Fax #: 575-397-0397 City: \_\_\_\_\_  
 Project #: \_\_\_\_\_ Project Owner: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Project Name: JR OIL - BRUNSON C LEASE (9/4/21) Phone #: \_\_\_\_\_  
 Project Location: New Mexico Fax #: \_\_\_\_\_  
 Sampler Name: SIMON

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CHECKED BY	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :				
1003479	BOTTOM SAMPLE 94 @ 1'	(G)	1						8/01/22	1:14PM	✓	Chloride	
49	BOTTOM SAMPLE 95 @ 1'	(G)	1						8/01/22	1:22PM	✓	BTEX	
43	BOTTOM SAMPLE 96 @ 1'	(G)	1						8/01/22	1:30PM	✓	TPH EXT	
44	BOTTOM SAMPLE 97 @ 1'	(G)	1						8/01/22	1:38PM	✓		
45	BOTTOM SAMPLE 98 @ 1'	(G)	1						8/01/22	1:47PM	✓		
46	BOTTOM SAMPLE 99 @ 1'	(G)	1						8/01/22	1:56PM	✓		
47	BOTTOM SAMPLE 100 @ 1'	(G)	1						8/01/22	2:08PM	✓		
48	BOTTOM SAMPLE 101 @ 1'	(G)	1						8/01/22	2:15PM	✓		
49	BOTTOM SAMPLE 102 @ 1'	(G)	1						8/01/22	2:23PM	✓		
50	BOTTOM SAMPLE 103 @ 1'	(G)	1						8/01/22	2:31PM	✓		

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Relinquished By: \_\_\_\_\_ Date: 8-3-22 Received By: \_\_\_\_\_ Date: 8-3-22  
 Relinquished By: \_\_\_\_\_ Time: 8:00AM Received By: \_\_\_\_\_ Time: 8:32AM  
 Delivered By: (Circle One)  C-0.0°C  C-0.0°C  
 Sampler - UPS - Bus - Other:  UPS  Bus  Other  
 Sample Condition:  Cool  Intact  
 CHECKED BY: \_\_\_\_\_ (Initials)

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5071



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc.  
 Project Manager: Cliff Brunson  
 Address: P.O. Box 805  
 City: Hobbs State: NM zip: 88241  
 Phone #: 575-397-6388 Fax #: 575-397-0397  
 Project #: Project Owner:  
 Project Name: JR OIL - BRUNSON C LEASE (9/4/21)  
 Project Location: New Mexico  
 P.O. #: Company: Oxy  
 Attn: Address:  
 City: State: Zip:  
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
HA03479	BOTTOM SAMPLE 104 @ 1'	<input checked="" type="checkbox"/>							8/01/22	2:39PM	Chloride	
52	BOTTOM SAMPLE 105 @ 1'	<input checked="" type="checkbox"/>							8/01/22	2:46PM	BTEX	
53	BOTTOM SAMPLE 106 @ 1'	<input checked="" type="checkbox"/>							8/01/22	2:53PM	TPH EXT	
54	BOTTOM SAMPLE 107 @ 1'	<input checked="" type="checkbox"/>							8/01/22	3:00PM		
55	BOTTOM SAMPLE 108 @ 1'	<input checked="" type="checkbox"/>							8/01/22	3:10PM		
56	BOTTOM SAMPLE 109 @ 1'	<input checked="" type="checkbox"/>							8/01/22	3:17PM		
57	BOTTOM SAMPLE 110 @ 1'	<input checked="" type="checkbox"/>							8/01/22	3:25PM		
58	BOTTOM SAMPLE 111 @ 1'	<input checked="" type="checkbox"/>							8/01/22	3:34PM		
59	BOTTOM SAMPLE 112 @ 1'	<input checked="" type="checkbox"/>							8/01/22	3:42PM		
60	BOTTOM SAMPLE 113 @ 1'	<input checked="" type="checkbox"/>							8/01/22	3:51PM		

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Relinquished By: *[Signature]* Date: 8-3-22 Received By: *[Signature]* Date: 8-3-22  
 Relinquished By: *[Signature]* Time: 8:00am Received By: *[Signature]* Time: 10:50  
 Delivered By: (Circle One) -1.7% C.O.C. Sample Condition: *[Signature]*  
 Sampler - UPS - Bus - Other: *[Signature]* #113 Cool Intact:  Yes  No

CHECKED BY: *[Signature]*  
 Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_  
 REMARKS:

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*over 1*



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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc.  
 Project Manager: Cliff Brunson  
 Address: P.O. Box 805  
 City: Hobbs State: NM Zip: 88241  
 Phone #: 575-397-6388 Fax #: 575-397-0397  
 Project #: Project Owner:  
 Project Name: JR OIL - BRUNSON C LEASE (9/4/21)  
 Project Location: New Mexico  
 Sampler Name: SIMON  
 P.O. #: Company: Oxy  
 Attn: Address:  
 City: State: Zip:  
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	✓	✓	✓	✓	✓	✓
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :								
A203479	BOTTOM SAMPLE 114 @ 1'	(G)	1			✓				8/01/22	4:00PM	✓	✓	✓	✓	✓	✓
L01	BOTTOM SAMPLE 115 @ 1'		1							8/01/22	4:10PM	✓	✓	✓	✓	✓	✓
L02	BOTTOM SAMPLE 116 @ 1'		1							8/01/22	4:18PM	✓	✓	✓	✓	✓	✓
L03	BOTTOM SAMPLE 117 @ 1'		1							8/01/22	4:25PM	✓	✓	✓	✓	✓	✓
L04																	

chloride  
 BTEX  
 IPN EXT

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Relinquished By: [Signature] Date: 8-3-22 Received By: [Signature] Date: 8-3-22  
 Relinquished By: [Signature] Time: 8:00 AM Received By: [Signature] Time: 8:50 AM  
 Delivered By: (Circle One) -1.7g (C-O-Lo) Sample Condition: [Signature] CHECKED BY: [Signature]  
 Sampler - UPS - Bus - Other: -2.3g #113 Cool Intact: [Signature]  
 Yes No Yes No

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---

August 10, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: JR OIL - BRUNSON C LEASE (9/4/21)

Enclosed are the results of analyses for samples received by the laboratory on 08/03/22 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

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:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 1 @ 1' (H223480-01)**

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	08/08/2022	ND	1.89	94.7	2.00	5.87	
Toluene*	<0.050	0.050	08/08/2022	ND	1.95	97.5	2.00	6.51	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.00	99.8	2.00	6.25	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.14	102	6.00	6.21	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	195	97.5	200	3.96	
<b>DRO &gt;C10-C28*</b>	<b>18.9</b>	10.0	08/08/2022	ND	213	106	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 75.1 % 43-149

Surrogate: 1-Chlorooctadecane 85.1 % 42.5-161

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 2 @ 1' (H223480-02)**

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	08/08/2022	ND	1.89	94.7	2.00	5.87	
Toluene*	<0.050	0.050	08/08/2022	ND	1.95	97.5	2.00	6.51	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.00	99.8	2.00	6.25	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.14	102	6.00	6.21	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	195	97.5	200	3.96	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	213	106	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 87.8 % 43-149

Surrogate: 1-Chlorooctadecane 98.3 % 42.5-161

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 3 @ 1' (H223480-03)**

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	08/08/2022	ND	1.89	94.7	2.00	5.87		
Toluene*	<0.050	0.050	08/08/2022	ND	1.95	97.5	2.00	6.51		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.00	99.8	2.00	6.25		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.14	102	6.00	6.21		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	198	98.9	200	4.49		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	204	102	200	4.54		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 83.6 % 43-149

Surrogate: 1-Chlorooctadecane 86.3 % 42.5-161

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 4 @ 1' (H223480-04)**

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	08/08/2022	ND	1.89	94.7	2.00	5.87	
Toluene*	<0.050	0.050	08/08/2022	ND	1.95	97.5	2.00	6.51	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.00	99.8	2.00	6.25	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.14	102	6.00	6.21	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	198	98.9	200	4.49	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	204	102	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 119 % 43-149

Surrogate: 1-Chlorooctadecane 122 % 42.5-161

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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:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 5 @ 2' (H223480-05)**

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	08/08/2022	ND	1.89	94.7	2.00	5.87	
Toluene*	<0.050	0.050	08/08/2022	ND	1.95	97.5	2.00	6.51	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.00	99.8	2.00	6.25	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.14	102	6.00	6.21	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	198	98.9	200	4.49	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	204	102	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 43-149

Surrogate: 1-Chlorooctadecane 103 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 6 @ 2' (H223480-06)**

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	08/08/2022	ND	1.89	94.7	2.00	5.87	
Toluene*	<0.050	0.050	08/08/2022	ND	1.95	97.5	2.00	6.51	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.00	99.8	2.00	6.25	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.14	102	6.00	6.21	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2022	ND	218	109	200	6.62	
DRO >C10-C28*	<10.0	10.0	08/05/2022	ND	228	114	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	08/05/2022	ND					

Surrogate: 1-Chlorooctane 81.6 % 43-149

Surrogate: 1-Chlorooctadecane 80.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 7 @ 2' (H223480-07)**

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	08/08/2022	ND	1.89	94.7	2.00	5.87	
Toluene*	<0.050	0.050	08/08/2022	ND	1.95	97.5	2.00	6.51	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.00	99.8	2.00	6.25	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.14	102	6.00	6.21	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	198	98.9	200	4.49	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	204	102	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 104 % 43-149

Surrogate: 1-Chlorooctadecane 105 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 8 @ 2' (H223480-08)**

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	08/08/2022	ND	1.89	94.7	2.00	5.87		
Toluene*	<0.050	0.050	08/08/2022	ND	1.95	97.5	2.00	6.51		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.00	99.8	2.00	6.25		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.14	102	6.00	6.21		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	198	98.9	200	4.49		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	204	102	200	4.54		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 87.5 % 43-149

Surrogate: 1-Chlorooctadecane 90.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 9 @ 2' (H223480-09)**

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	08/08/2022	ND	1.89	94.7	2.00	5.87	
Toluene*	<0.050	0.050	08/08/2022	ND	1.95	97.5	2.00	6.51	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.00	99.8	2.00	6.25	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.14	102	6.00	6.21	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	198	98.9	200	4.49	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	204	102	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 90.5 % 43-149

Surrogate: 1-Chlorooctadecane 93.8 % 42.5-161

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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:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 10 @ 2' (H223480-10)**

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	08/08/2022	ND	1.89	94.7	2.00	5.87	
Toluene*	<0.050	0.050	08/08/2022	ND	1.95	97.5	2.00	6.51	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.00	99.8	2.00	6.25	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.14	102	6.00	6.21	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	198	98.9	200	4.49	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	204	102	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 43-149

Surrogate: 1-Chlorooctadecane 92.4 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 11 @ 2' (H223480-11)**

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	08/08/2022	ND	1.89	94.7	2.00	5.87	
Toluene*	<0.050	0.050	08/08/2022	ND	1.95	97.5	2.00	6.51	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.00	99.8	2.00	6.25	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.14	102	6.00	6.21	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	198	98.9	200	4.49	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	204	102	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 99.8 % 43-149

Surrogate: 1-Chlorooctadecane 104 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 12 @ 2' (H223480-12)**

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	08/08/2022	ND	1.89	94.7	2.00	5.87	
Toluene*	<0.050	0.050	08/08/2022	ND	1.95	97.5	2.00	6.51	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.00	99.8	2.00	6.25	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.14	102	6.00	6.21	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	198	98.9	200	4.49	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	204	102	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 93.5 % 43-149

Surrogate: 1-Chlorooctadecane 95.4 % 42.5-161

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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:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 13 @ 2' (H223480-13)**

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	08/08/2022	ND	1.89	94.7	2.00	5.87		
Toluene*	<0.050	0.050	08/08/2022	ND	1.95	97.5	2.00	6.51		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.00	99.8	2.00	6.25		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.14	102	6.00	6.21		
Total BTEX	<0.300	0.300	08/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	198	98.9	200	4.49		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	204	102	200	4.54		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 85.4 % 43-149

Surrogate: 1-Chlorooctadecane 87.9 % 42.5-161

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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:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 14 @ 2' (H223480-14)**

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	08/09/2022	ND	1.89	94.7	2.00	5.87	
Toluene*	<0.050	0.050	08/09/2022	ND	1.95	97.5	2.00	6.51	
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.00	99.8	2.00	6.25	
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.14	102	6.00	6.21	
Total BTEX	<0.300	0.300	08/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	198	98.9	200	4.49	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	204	102	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 114 % 43-149

Surrogate: 1-Chlorooctadecane 120 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 15 @ 2' (H223480-15)**

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	08/09/2022	ND	1.89	94.7	2.00	5.87	
Toluene*	<0.050	0.050	08/09/2022	ND	1.95	97.5	2.00	6.51	
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.00	99.8	2.00	6.25	
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.14	102	6.00	6.21	
Total BTEX	<0.300	0.300	08/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	198	98.9	200	4.49	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	204	102	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 43-149

Surrogate: 1-Chlorooctadecane 98.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 16 @ 2' (H223480-16)**

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	08/09/2022	ND	1.89	94.7	2.00	5.87	
Toluene*	<0.050	0.050	08/09/2022	ND	1.95	97.5	2.00	6.51	
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.00	99.8	2.00	6.25	
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.14	102	6.00	6.21	
Total BTEX	<0.300	0.300	08/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	198	98.9	200	4.49	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	204	102	200	4.54	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 105 % 43-149

Surrogate: 1-Chlorooctadecane 108 % 42.5-161

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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:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 17 @ 2' (H223480-17)**

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	08/09/2022	ND	2.04	102	2.00	3.13		
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	198	98.9	200	4.49		
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	204	102	200	4.54		
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND						

Surrogate: 1-Chlorooctane 94.2 % 43-149

Surrogate: 1-Chlorooctadecane 93.6 % 42.5-161

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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:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 18 @ 2' (H223480-18)**

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	08/09/2022	ND	2.04	102	2.00	3.13		
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	198	98.9	200	4.49		
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	204	102	200	4.54		
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND						

Surrogate: 1-Chlorooctane 89.8 % 43-149

Surrogate: 1-Chlorooctadecane 91.5 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 19 @ 2' (H223480-19)**

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	08/09/2022	ND	2.04	102	2.00	3.13		
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	198	98.9	200	4.49		
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	204	102	200	4.54		
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND						

Surrogate: 1-Chlorooctane 92.3 % 43-149

Surrogate: 1-Chlorooctadecane 94.5 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 20 @ 2' (H223480-20)**

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	08/09/2022	ND	2.04	102	2.00	3.13		
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	198	98.9	200	4.49		
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	204	102	200	4.54		
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND						

Surrogate: 1-Chlorooctane 93.6 % 43-149

Surrogate: 1-Chlorooctadecane 96.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 21 @ 2' (H223480-21)**

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	08/09/2022	ND	2.04	102	2.00	3.13		
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	198	98.9	200	4.49		
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	204	102	200	4.54		
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND						

Surrogate: 1-Chlorooctane 92.6 % 43-149

Surrogate: 1-Chlorooctadecane 92.7 % 42.5-161

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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:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 22 @ 2' (H223480-22)**

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	08/09/2022	ND	2.04	102	2.00	3.13		
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	198	98.9	200	4.49		
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	204	102	200	4.54		
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND						

Surrogate: 1-Chlorooctane 104 % 43-149

Surrogate: 1-Chlorooctadecane 108 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 23 @ 2' (H223480-23)**

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	08/09/2022	ND	2.04	102	2.00	3.13		
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	198	98.9	200	4.49		
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	204	102	200	4.54		
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND						

Surrogate: 1-Chlorooctane 101 % 43-149

Surrogate: 1-Chlorooctadecane 103 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 24 @ 2' (H223480-24)**

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	08/09/2022	ND	2.04	102	2.00	3.13	
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74	
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97	
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99	
Total BTEX	<0.300	0.300	08/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	186	92.9	200	1.64	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	180	90.2	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 63.0 % 43-149

Surrogate: 1-Chlorooctadecane 66.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 25 @ 2' (H223480-25)**

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	08/09/2022	ND	2.04	102	2.00	3.13		
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	186	92.9	200	1.64		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	180	90.2	200	0.878		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 71.0 % 43-149

Surrogate: 1-Chlorooctadecane 72.6 % 42.5-161

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**Analytical Results For:**

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Fax To: (575) 397-0397

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 26 @ 2' (H223480-26)**

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	08/09/2022	ND	2.04	102	2.00	3.13		
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	186	92.9	200	1.64		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	180	90.2	200	0.878		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 73.2 % 43-149

Surrogate: 1-Chlorooctadecane 77.3 % 42.5-161

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 27 @ 2' (H223480-27)**

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	08/09/2022	ND	2.04	102	2.00	3.13	
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74	
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97	
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99	
Total BTEX	<0.300	0.300	08/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	186	92.9	200	1.64	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	180	90.2	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 68.2 % 43-149

Surrogate: 1-Chlorooctadecane 72.8 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 28 @ 1' (H223480-28)**

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	08/09/2022	ND	2.04	102	2.00	3.13		
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	186	92.9	200	1.64		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	180	90.2	200	0.878		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 67.9 % 43-149

Surrogate: 1-Chlorooctadecane 69.5 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 29 @ 1' (H223480-29)**

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	08/09/2022	ND	2.04	102	2.00	3.13		
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	14.8	10.0	08/09/2022	ND	186	92.9	200	1.64		
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	180	90.2	200	0.878		
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND						

Surrogate: 1-Chlorooctane 70.1 % 43-149

Surrogate: 1-Chlorooctadecane 75.1 % 42.5-161

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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:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 30 @ 1' (H223480-30)**

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	08/09/2022	ND	2.04	102	2.00	3.13		
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	186	92.9	200	1.64		
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	180	90.2	200	0.878		
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND						

Surrogate: 1-Chlorooctane 62.0 % 43-149

Surrogate: 1-Chlorooctadecane 65.6 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 31 @ 1' (H223480-31)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/09/2022	ND	2.04	102	2.00	3.13		
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	186	92.9	200	1.64		
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	180	90.2	200	0.878		
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND						

Surrogate: 1-Chlorooctane 66.5 % 43-149

Surrogate: 1-Chlorooctadecane 69.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 32 @ 1' (H223480-32)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/09/2022	ND	2.04	102	2.00	3.13		
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	186	92.9	200	1.64		
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	180	90.2	200	0.878		
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND						

Surrogate: 1-Chlorooctane 63.2 % 43-149

Surrogate: 1-Chlorooctadecane 66.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 33 @ 1' (H223480-33)**

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	08/09/2022	ND	2.04	102	2.00	3.13		
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	186	92.9	200	1.64		
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	180	90.2	200	0.878		
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND						

Surrogate: 1-Chlorooctane 69.5 % 43-149

Surrogate: 1-Chlorooctadecane 74.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 34 @ 1' (H223480-34)**

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	08/09/2022	ND	2.04	102	2.00	3.13	
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74	
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97	
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99	
Total BTEX	<0.300	0.300	08/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	15.5	10.0	08/09/2022	ND	186	92.9	200	1.64	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	180	90.2	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 67.7 % 43-149

Surrogate: 1-Chlorooctadecane 71.9 % 42.5-161

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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:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 35 @ 1' (H223480-35)**

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	08/09/2022	ND	2.04	102	2.00	3.13	
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74	
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97	
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99	
Total BTEX	<0.300	0.300	08/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	186	92.9	200	1.64	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	180	90.2	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 68.5 % 43-149

Surrogate: 1-Chlorooctadecane 72.5 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 36 @ 1' (H223480-36)**

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	08/09/2022	ND	2.04	102	2.00	3.13		
Toluene*	<0.050	0.050	08/09/2022	ND	2.11	105	2.00	2.74		
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	2.14	107	2.00	2.97		
Total Xylenes*	<0.150	0.150	08/09/2022	ND	6.57	110	6.00	2.99		
Total BTEX	<0.300	0.300	08/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	186	92.9	200	1.64		
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	180	90.2	200	0.878		
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND						

Surrogate: 1-Chlorooctane 66.9 % 43-149

Surrogate: 1-Chlorooctadecane 74.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 37 @ 1' (H223480-37)**

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	08/08/2022	ND	2.06	103	2.00	2.78	
Toluene*	<0.050	0.050	08/08/2022	ND	2.13	106	2.00	2.25	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.15	108	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.53	109	6.00	4.34	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	186	92.9	200	1.64	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	180	90.2	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 68.2 % 43-149

Surrogate: 1-Chlorooctadecane 71.6 % 42.5-161

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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:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 38 @ 1' (H223480-38)**

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	08/08/2022	ND	2.06	103	2.00	2.78		
Toluene*	<0.050	0.050	08/08/2022	ND	2.13	106	2.00	2.25		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.15	108	2.00	3.78		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.53	109	6.00	4.34		
Total BTEX	<0.300	0.300	08/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	186	92.9	200	1.64		
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	180	90.2	200	0.878		
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND						

Surrogate: 1-Chlorooctane 75.9 % 43-149

Surrogate: 1-Chlorooctadecane 77.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 39 @ 1' (H223480-39)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2022	ND	2.06	103	2.00	2.78	
Toluene*	<0.050	0.050	08/08/2022	ND	2.13	106	2.00	2.25	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.15	108	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.53	109	6.00	4.34	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	186	92.9	200	1.64	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	180	90.2	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 69.5 % 43-149

Surrogate: 1-Chlorooctadecane 73.4 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 40 @ 1' (H223480-40)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	ND	2.06	103	2.00	2.78		
Toluene*	<0.050	0.050	08/08/2022	ND	2.13	106	2.00	2.25		
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.15	108	2.00	3.78		
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.53	109	6.00	4.34		
Total BTEX	<0.300	0.300	08/08/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	186	92.9	200	1.64		
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	180	90.2	200	0.878		
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND						

Surrogate: 1-Chlorooctane 70.4 % 43-149

Surrogate: 1-Chlorooctadecane 71.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 41 @ 1' (H223480-41)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2022	ND	2.06	103	2.00	2.78	
Toluene*	<0.050	0.050	08/08/2022	ND	2.13	106	2.00	2.25	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.15	108	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.53	109	6.00	4.34	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	186	92.9	200	1.64	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	180	90.2	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 67.0 % 43-149

Surrogate: 1-Chlorooctadecane 68.7 % 42.5-161

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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:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 42 @ 1' (H223480-42)**

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	08/08/2022	ND	2.06	103	2.00	2.78	
Toluene*	<0.050	0.050	08/08/2022	ND	2.13	106	2.00	2.25	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.15	108	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.53	109	6.00	4.34	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	186	92.9	200	1.64	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	180	90.2	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 63.0 % 43-149

Surrogate: 1-Chlorooctadecane 67.0 % 42.5-161

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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:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 43 @ 1' (H223480-43)**

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	08/08/2022	ND	2.06	103	2.00	2.78	
Toluene*	<0.050	0.050	08/08/2022	ND	2.13	106	2.00	2.25	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.15	108	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.53	109	6.00	4.34	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	186	92.9	200	1.64	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	180	90.2	200	0.878	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 53.6 % 43-149

Surrogate: 1-Chlorooctadecane 55.5 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 44 @ 1' (H223480-44)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2022	ND	2.06	103	2.00	2.78	
Toluene*	<0.050	0.050	08/08/2022	ND	2.13	106	2.00	2.25	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.15	108	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.53	109	6.00	4.34	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	210	105	200	1.16	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	214	107	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 43-149

Surrogate: 1-Chlorooctadecane 83.0 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 45 @ 1' (H223480-45)**

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	08/08/2022	ND	2.06	103	2.00	2.78	
Toluene*	<0.050	0.050	08/08/2022	ND	2.13	106	2.00	2.25	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.15	108	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.53	109	6.00	4.34	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	210	105	200	1.16	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	214	107	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 97.4 % 43-149

Surrogate: 1-Chlorooctadecane 96.1 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 46 @ 1' (H223480-46)**

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	08/08/2022	ND	2.06	103	2.00	2.78	
Toluene*	<0.050	0.050	08/08/2022	ND	2.13	106	2.00	2.25	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.15	108	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.53	109	6.00	4.34	
Total BTEX	<0.300	0.300	08/08/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	210	105	200	1.16	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	214	107	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 43-149

Surrogate: 1-Chlorooctadecane 88.7 % 42.5-161

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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:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 47 @ 1' (H223480-47)**

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	08/08/2022	ND	2.06	103	2.00	2.78	
Toluene*	<0.050	0.050	08/08/2022	ND	2.13	106	2.00	2.25	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.15	108	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.53	109	6.00	4.34	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	210	105	200	1.16	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	214	107	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 97.5 % 43-149

Surrogate: 1-Chlorooctadecane 95.1 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 48 @ 1' (H223480-48)**

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	08/08/2022	ND	2.06	103	2.00	2.78	
Toluene*	<0.050	0.050	08/08/2022	ND	2.13	106	2.00	2.25	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.15	108	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.53	109	6.00	4.34	
Total BTEX	<0.300	0.300	08/08/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	210	105	200	1.16	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	214	107	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 103 % 43-149

Surrogate: 1-Chlorooctadecane 98.5 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 49 @ 1' (H223480-49)**

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	08/08/2022	ND	2.06	103	2.00	2.78	
Toluene*	<0.050	0.050	08/08/2022	ND	2.13	106	2.00	2.25	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.15	108	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.53	109	6.00	4.34	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	210	105	200	1.16	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	214	107	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 43-149

Surrogate: 1-Chlorooctadecane 95.8 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 50 @ 1' (H223480-50)**

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	08/08/2022	ND	2.06	103	2.00	2.78	
Toluene*	<0.050	0.050	08/08/2022	ND	2.13	106	2.00	2.25	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.15	108	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.53	109	6.00	4.34	
Total BTEX	<0.300	0.300	08/08/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	210	105	200	1.16	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	214	107	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 101 % 43-149

Surrogate: 1-Chlorooctadecane 98.2 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 51 @ 1' (H223480-51)**

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	08/08/2022	ND	2.06	103	2.00	2.78	
Toluene*	<0.050	0.050	08/08/2022	ND	2.13	106	2.00	2.25	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.15	108	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.53	109	6.00	4.34	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	210	105	200	1.16	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	214	107	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 91.8 % 43-149

Surrogate: 1-Chlorooctadecane 89.1 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 52 @ 1' (H223480-52)**

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	08/08/2022	ND	2.06	103	2.00	2.78	
Toluene*	<0.050	0.050	08/08/2022	ND	2.13	106	2.00	2.25	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.15	108	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.53	109	6.00	4.34	
Total BTEX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	210	105	200	1.16	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	214	107	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 91.4 % 43-149

Surrogate: 1-Chlorooctadecane 88.4 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	07/29/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 53 @ 1' (H223480-53)**

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	08/08/2022	ND	2.06	103	2.00	2.78	
Toluene*	<0.050	0.050	08/08/2022	ND	2.13	106	2.00	2.25	
Ethylbenzene*	<0.050	0.050	08/08/2022	ND	2.15	108	2.00	3.78	
Total Xylenes*	<0.150	0.150	08/08/2022	ND	6.53	109	6.00	4.34	
Total BTEX	<0.300	0.300	08/08/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/09/2022	ND	210	105	200	1.16	
DRO >C10-C28*	<10.0	10.0	08/09/2022	ND	214	107	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 43-149

Surrogate: 1-Chlorooctadecane 81.0 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Notes and Definitions**

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

1056

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: JR OIL - BRUNSON C LEASE (9/4/21) Project Location: New Mexico Sampler Name: SIMON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____							
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: _____		<b>BILL TO</b>							
FOR LAB USE ONLY		<b>ANALYSIS REQUEST</b>							
Lab I.D.	Sample I.D.	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chloride	BIEX	TPH EXI
H023480	BOTTOM SAMPLE 1 @ 1'	(G)RAB OR (C)OMP.			7/29/22	8:00AM	✓	✓	✓
	BOTTOM SAMPLE 2 @ 1'				7/29/22	8:12AM	✓	✓	✓
	BOTTOM SAMPLE 3 @ 1'				7/29/22	8:19AM	✓	✓	✓
	BOTTOM SAMPLE 4 @ 1'				7/29/22	8:25AM	✓	✓	✓
	BOTTOM SAMPLE 5 @ 2'				7/29/22	8:32AM	✓	✓	✓
	BOTTOM SAMPLE 6 @ 2'				7/29/22	8:41AM	✓	✓	✓
	BOTTOM SAMPLE 7 @ 2'				7/29/22	8:48AM	✓	✓	✓
	BOTTOM SAMPLE 8 @ 2'				7/29/22	8:57AM	✓	✓	✓
	BOTTOM SAMPLE 9 @ 2'				7/29/22	9:08AM	✓	✓	✓
	BOTTOM SAMPLE 10 @ 2'				7/29/22	9:15AM	✓	✓	✓

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Relinquished By: *[Signature]* Date: 8-3-22 Time: 8:00 AM Received By: *[Signature]*

Relinquished By: *[Signature]* Date: 8-3-22 Time: 8:50 AM Received By: *[Signature]*

Delivered By: (Circle One) *17.0* *0.0* *0.6* Sample Condition:  Intact  Cool  Yes  No

Sampler - UPS - Bus - Other: *3.3* *#113* 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



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

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc. P.O. #: \_\_\_\_\_  
 Project Manager: Cliff Brunson Company: Oxy  
 Address: P.O. Box 805 State: NM Zip: 88241  
 City: Hobbs Attn: \_\_\_\_\_  
 Phone #: 575-397-6388 Fax #: 575-397-0397 Address: \_\_\_\_\_  
 Project #: \_\_\_\_\_ Project Owner: \_\_\_\_\_ City: \_\_\_\_\_  
 Project Name: JR OIL - BRUNSON C LEASE (9/4/21) State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Project Location: New Mexico Phone #: \_\_\_\_\_  
 Sampler Name: SIMON Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CHECKED BY:	REMARKS:
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :				
11	BOTTOM SAMPLE 11 @ 2'	(G)	1							7/29/22	9:23AM	✓	Chloride
12	BOTTOM SAMPLE 12 @ 2'	(G)	1							7/29/22	9:31AM	✓	BTEX
13	BOTTOM SAMPLE 13 @ 2'	(G)	1							7/29/22	9:40AM	✓	IPH EXT
14	BOTTOM SAMPLE 14 @ 2'	(G)	1							7/29/22	9:51AM	✓	
15	BOTTOM SAMPLE 15 @ 2'	(G)	1							7/29/22	10:01AM	✓	
16	BOTTOM SAMPLE 16 @ 2'	(G)	1							7/29/22	10:15AM	✓	
17	BOTTOM SAMPLE 17 @ 2'	(G)	1							7/29/22	10:22AM	✓	
18	BOTTOM SAMPLE 18 @ 2'	(G)	1							7/29/22	10:30AM	✓	
19	BOTTOM SAMPLE 19 @ 2'	(G)	1							7/29/22	10:41AM	✓	
20	BOTTOM SAMPLE 20 @ 2'	(G)	1							7/29/22	10:50AM	✓	

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Relinquished By: \_\_\_\_\_ Date: 8-3-22 Received By: \_\_\_\_\_  
 Time: 8:00 AM  
 Relinquished By: \_\_\_\_\_ Date: 8-3-22 Received By: \_\_\_\_\_  
 Time: 1:50 PM  
 Delivered By: (Circle One) \_\_\_\_\_  
 Sample Condition:  Yes  No  
 Cool Intact:  Yes  No  
 Sampler - UPS - Bus - Other: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 (Signature)

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc.	P.O. #:
Project Manager: Cliff Brunson	Company: Oxy
Address: P.O. Box 805	Attn:
City: Hobbs	Address:
State: NM zip: 88241	City:
Phone #: 575-397-6388	State:
Fax #: 575-397-0397	Zip:
Project #:	Project Owner:
Project Name: JR OIL - BRUNSON C LEASE (9/4/21)	Project Location: New Mexico
Sampler Name: SIMON	FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV		DATE	TIME	Chloride	BTEX	TPH/EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL					
H023480	BOTTOM SAMPLE 21 @ 2'	<input checked="" type="checkbox"/>									7/29/22	10:58AM	✓	✓	✓	
	BOTTOM SAMPLE 22 @ 2'	<input checked="" type="checkbox"/>									7/29/22	11:12AM	✓	✓	✓	
	BOTTOM SAMPLE 23 @ 2'	<input checked="" type="checkbox"/>									7/29/22	11:20AM	✓	✓	✓	
	BOTTOM SAMPLE 24 @ 2'	<input checked="" type="checkbox"/>									7/29/22	11:30AM	✓	✓	✓	
	BOTTOM SAMPLE 25 @ 2'	<input checked="" type="checkbox"/>									7/29/22	11:41AM	✓	✓	✓	
	BOTTOM SAMPLE 26 @ 2'	<input checked="" type="checkbox"/>									7/29/22	11:48AM	✓	✓	✓	
	BOTTOM SAMPLE 27 @ 2'	<input checked="" type="checkbox"/>									7/29/22	11:58AM	✓	✓	✓	
	BOTTOM SAMPLE 28 @ 1'	<input checked="" type="checkbox"/>									7/29/22	12:45PM	✓	✓	✓	
	BOTTOM SAMPLE 29 @ 1'	<input checked="" type="checkbox"/>									7/29/22	12:56PM	✓	✓	✓	
	BOTTOM SAMPLE 30 @ 1'	<input checked="" type="checkbox"/>									7/29/22	1:10PM	✓	✓	✓	

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Relinquished By: <i>[Signature]</i>	Date: 8-3-22	Received By: <i>[Signature]</i>	Date: 8-3-22
Time: 8:00 AM	Time: 10:50	Time: 11:05	Time: 11:05
Delivered By: (Circle One) <i>Maell Farm</i>	Sample Condition	CHECKED BY: <i>[Signature]</i>	(Initials)
Sampler - UPS - Bus - Other: <i>UPS #113</i>	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

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

Company Name: BBC International, Inc.		<b>BILL TO</b>		ANALYSIS REQUEST				
Project Manager: Cliff Brunson		P.O. #:						
Address: P.O. Box 805		Company: Oxy						
City: Hobbs		Attn:						
State: NM Zip: 88241		Address:						
Phone #: 575-397-6388		City:						
Fax #: 575-397-0397		State:						
Project #: Project Owner:		Zip:						
Project Name: JR OIL - BRUNSON C LEASE (9/4/21)		Phone #:						
Project Location: New Mexico		Fax #:						
Sampler Name: SIMON		PRESERV:		SAMPLING				
FOR LAB/USE ONLY								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	DATE	TIME	ANALYSIS	REQUEST
H923480	BOTTOM SAMPLE 51 @ 1'	<input checked="" type="checkbox"/>	1	GROUNDWATER	7/29/22	4:22PM	✓	Chloride
51	BOTTOM SAMPLE 52 @ 1'	<input checked="" type="checkbox"/>	1	WASTEWATER	7/29/22	4:29PM	✓	BTEX
53	BOTTOM SAMPLE 53 @ 1'	<input checked="" type="checkbox"/>	1	SOIL	7/29/22	4:37PM	✓	TPH EXT
				OIL				
				SLUDGE				
				OTHER :				
				ACID/BASE:				
				ICE / COOL				
				OTHER :				

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Relinquished By: <i>[Signature]</i>	Date: 8-3-22	Received By: <i>[Signature]</i>	Date: 8-3-22
Time: 8:00 AM	Time: 10:50	Time: 8:00 AM	Time: 10:50
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	-1.7% C.O.C. @ -2.2% #113	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKER BY: <i>[Signature]</i> (Initials)

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6076



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---

August 10, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: JR OIL - BRUNSON C LEASE (9/4/21)

Enclosed are the results of analyses for samples received by the laboratory on 08/03/22 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 118 @ 1' (H223478-01)**

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	08/06/2022	ND	1.83	91.6	2.00	7.66	
Toluene*	<0.050	0.050	08/06/2022	ND	1.96	97.8	2.00	6.55	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	1.90	95.1	2.00	10.1	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	5.91	98.4	6.00	10.4	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	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	08/08/2022	ND	212	106	200	8.77	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	201	100	200	8.34	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 107 % 43-149

Surrogate: 1-Chlorooctadecane 108 % 42.5-161

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 119 @ 3' (H223478-02)**

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	08/06/2022	ND	1.83	91.6	2.00	7.66	
Toluene*	<0.050	0.050	08/06/2022	ND	1.96	97.8	2.00	6.55	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	1.90	95.1	2.00	10.1	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	5.91	98.4	6.00	10.4	
Total BTEX	<0.300	0.300	08/06/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/08/2022	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	08/08/2022	ND	212	106	200	8.77	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	201	100	200	8.34	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 102 % 43-149

Surrogate: 1-Chlorooctadecane 104 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 120 @ 3' (H223478-03)**

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	08/06/2022	ND	1.83	91.6	2.00	7.66		
Toluene*	<0.050	0.050	08/06/2022	ND	1.96	97.8	2.00	6.55		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	1.90	95.1	2.00	10.1		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	5.91	98.4	6.00	10.4		
Total BTEX	<0.300	0.300	08/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	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	08/08/2022	ND	212	106	200	8.77		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	201	100	200	8.34		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 119 % 43-149

Surrogate: 1-Chlorooctadecane 123 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 121 @ 3' (H223478-04)**

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	08/06/2022	ND	1.83	91.6	2.00	7.66	
Toluene*	<0.050	0.050	08/06/2022	ND	1.96	97.8	2.00	6.55	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	1.90	95.1	2.00	10.1	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	5.91	98.4	6.00	10.4	
Total BTEX	<0.300	0.300	08/06/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/08/2022	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	08/08/2022	ND	212	106	200	8.77	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	201	100	200	8.34	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 102 % 43-149

Surrogate: 1-Chlorooctadecane 105 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 122 @ 3' (H223478-05)**

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	08/06/2022	ND	1.83	91.6	2.00	7.66	
Toluene*	<0.050	0.050	08/06/2022	ND	1.96	97.8	2.00	6.55	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	1.90	95.1	2.00	10.1	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	5.91	98.4	6.00	10.4	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	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	08/08/2022	ND	212	106	200	8.77	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	201	100	200	8.34	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 132 % 43-149

Surrogate: 1-Chlorooctadecane 135 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 123 @ 3' (H223478-06)**

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	08/06/2022	ND	1.83	91.6	2.00	7.66	
Toluene*	<0.050	0.050	08/06/2022	ND	1.96	97.8	2.00	6.55	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	1.90	95.1	2.00	10.1	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	5.91	98.4	6.00	10.4	
Total BTEX	<0.300	0.300	08/06/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	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	08/08/2022	ND	212	106	200	8.77	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	201	100	200	8.34	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 130 % 43-149

Surrogate: 1-Chlorooctadecane 132 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 124 @ 3' (H223478-07)**

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	08/06/2022	ND	1.83	91.6	2.00	7.66		
Toluene*	<0.050	0.050	08/06/2022	ND	1.96	97.8	2.00	6.55		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	1.90	95.1	2.00	10.1		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	5.91	98.4	6.00	10.4		
Total BTEX	<0.300	0.300	08/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	212	106	200	8.77		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	201	100	200	8.34		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 126 % 43-149

Surrogate: 1-Chlorooctadecane 128 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 125 @ 3' (H223478-08)**

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	08/06/2022	ND	1.83	91.6	2.00	7.66		
Toluene*	<0.050	0.050	08/06/2022	ND	1.96	97.8	2.00	6.55		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	1.90	95.1	2.00	10.1		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	5.91	98.4	6.00	10.4		
Total BTEX	<0.300	0.300	08/06/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	212	106	200	8.77		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	201	100	200	8.34		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 111 % 43-149

Surrogate: 1-Chlorooctadecane 112 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 126 @ 3' (H223478-09)**

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	08/06/2022	ND	1.83	91.6	2.00	7.66		
Toluene*	<0.050	0.050	08/06/2022	ND	1.96	97.8	2.00	6.55		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	1.90	95.1	2.00	10.1		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	5.91	98.4	6.00	10.4		
Total BTEX	<0.300	0.300	08/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	212	106	200	8.77		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	201	100	200	8.34		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 105 % 43-149

Surrogate: 1-Chlorooctadecane 106 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 127 @ 3' (H223478-10)**

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	08/06/2022	ND	1.83	91.6	2.00	7.66	
Toluene*	<0.050	0.050	08/06/2022	ND	1.96	97.8	2.00	6.55	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	1.90	95.1	2.00	10.1	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	5.91	98.4	6.00	10.4	
Total BTEX	<0.300	0.300	08/06/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	212	106	200	8.77	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	201	100	200	8.34	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 99.6 % 43-149

Surrogate: 1-Chlorooctadecane 101 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 128 @ 3' (H223478-11)**

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	08/06/2022	ND	1.83	91.6	2.00	7.66	
Toluene*	<0.050	0.050	08/06/2022	ND	1.96	97.8	2.00	6.55	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	1.90	95.1	2.00	10.1	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	5.91	98.4	6.00	10.4	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	212	106	200	8.77	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	201	100	200	8.34	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 97.7 % 43-149

Surrogate: 1-Chlorooctadecane 99.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 129 @ 1' (H223478-12)**

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	08/06/2022	ND	1.83	91.6	2.00	7.66		
Toluene*	<0.050	0.050	08/06/2022	ND	1.96	97.8	2.00	6.55		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	1.90	95.1	2.00	10.1		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	5.91	98.4	6.00	10.4		
Total BTEX	<0.300	0.300	08/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	212	106	200	8.77		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	201	100	200	8.34		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 105 % 43-149

Surrogate: 1-Chlorooctadecane 105 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 130 @ 1' (H223478-13)**

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	08/06/2022	ND	1.83	91.6	2.00	7.66		
Toluene*	<0.050	0.050	08/06/2022	ND	1.96	97.8	2.00	6.55		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	1.90	95.1	2.00	10.1		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	5.91	98.4	6.00	10.4		
Total BTEX	<0.300	0.300	08/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	212	106	200	8.77		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	201	100	200	8.34		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 123 % 43-149

Surrogate: 1-Chlorooctadecane 125 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 131 @ 1' (H223478-14)**

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	08/06/2022	ND	1.83	91.6	2.00	7.66	
Toluene*	<0.050	0.050	08/06/2022	ND	1.96	97.8	2.00	6.55	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	1.90	95.1	2.00	10.1	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	5.91	98.4	6.00	10.4	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	212	106	200	8.77	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	201	100	200	8.34	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 43-149

Surrogate: 1-Chlorooctadecane 92.9 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 132 @ 1' (H223478-15)**

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	08/06/2022	ND	1.83	91.6	2.00	7.66		
Toluene*	<0.050	0.050	08/06/2022	ND	1.96	97.8	2.00	6.55		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	1.90	95.1	2.00	10.1		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	5.91	98.4	6.00	10.4		
Total BTEX	<0.300	0.300	08/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	212	106	200	8.77		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	201	100	200	8.34		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 114 % 43-149

Surrogate: 1-Chlorooctadecane 113 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 133 @ 1' (H223478-16)**

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	08/06/2022	ND	1.83	91.6	2.00	7.66	
Toluene*	<0.050	0.050	08/06/2022	ND	1.96	97.8	2.00	6.55	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	1.90	95.1	2.00	10.1	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	5.91	98.4	6.00	10.4	
Total BTEX	<0.300	0.300	08/06/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	212	106	200	8.77	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	201	100	200	8.34	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 94.3 % 43-149

Surrogate: 1-Chlorooctadecane 93.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 134 @ 1' (H223478-17)**

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	08/06/2022	ND	1.83	91.6	2.00	7.66		
Toluene*	<0.050	0.050	08/06/2022	ND	1.96	97.8	2.00	6.55		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	1.90	95.1	2.00	10.1		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	5.91	98.4	6.00	10.4		
Total BTEX	<0.300	0.300	08/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/10/2022	ND	185	92.4	200	5.36		
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	203	101	200	3.75		
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND						

Surrogate: 1-Chlorooctane 91.7 % 43-149

Surrogate: 1-Chlorooctadecane 97.5 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 135 @ 1' (H223478-18)**

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	08/06/2022	ND	2.03	102	2.00	2.19		
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72		
Total BTEX	<0.300	0.300	08/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/05/2022	ND	185	92.4	200	5.36		
DRO >C10-C28*	<10.0	10.0	08/05/2022	ND	203	101	200	3.75		
EXT DRO >C28-C36	<10.0	10.0	08/05/2022	ND						

Surrogate: 1-Chlorooctane 91.9 % 43-149

Surrogate: 1-Chlorooctadecane 100 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 136 @ 1' (H223478-19)**

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	08/06/2022	ND	2.03	102	2.00	2.19		
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72		
Total BTEX	<0.300	0.300	08/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/05/2022	ND	185	92.4	200	5.36		
DRO >C10-C28*	<10.0	10.0	08/05/2022	ND	203	101	200	3.75		
EXT DRO >C28-C36	<10.0	10.0	08/05/2022	ND						

Surrogate: 1-Chlorooctane 92.6 % 43-149

Surrogate: 1-Chlorooctadecane 103 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 137 @ 2' (H223478-20)**

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	08/06/2022	ND	2.03	102	2.00	2.19	
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/05/2022	ND	185	92.4	200	5.36	
DRO >C10-C28*	<10.0	10.0	08/05/2022	ND	203	101	200	3.75	
EXT DRO >C28-C36	<10.0	10.0	08/05/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 43-149

Surrogate: 1-Chlorooctadecane 99.5 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 138 @ 2' (H223478-21)**

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	08/06/2022	ND	2.03	102	2.00	2.19		
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72		
Total BTEX	<0.300	0.300	08/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/06/2022	ND	185	92.4	200	5.36		
DRO >C10-C28*	<10.0	10.0	08/06/2022	ND	203	101	200	3.75		
EXT DRO >C28-C36	<10.0	10.0	08/06/2022	ND						

Surrogate: 1-Chlorooctane 89.3 % 43-149

Surrogate: 1-Chlorooctadecane 98.6 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 139 @ 2' (H223478-22)**

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	08/06/2022	ND	2.03	102	2.00	2.19	
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72	
Total BTEX	<0.300	0.300	08/06/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	227	114	200	1.91	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 43-149

Surrogate: 1-Chlorooctadecane 92.8 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 140 @ 2' (H223478-23)**

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	08/06/2022	ND	2.03	102	2.00	2.19	
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	227	114	200	1.91	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 79.4 % 43-149

Surrogate: 1-Chlorooctadecane 89.1 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 141 @ 2' (H223478-24)**

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	08/06/2022	ND	2.03	102	2.00	2.19	
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	227	114	200	1.91	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 43-149

Surrogate: 1-Chlorooctadecane 99.0 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 142 @ 2' (H223478-25)**

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	08/06/2022	ND	2.03	102	2.00	2.19		
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72		
Total BTEX	<0.300	0.300	08/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	227	114	200	1.91		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 83.3 % 43-149

Surrogate: 1-Chlorooctadecane 96.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 143 @ 2' (H223478-26)**

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	08/06/2022	ND	2.03	102	2.00	2.19		
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72		
Total BTEX	<0.300	0.300	08/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	227	114	200	1.91		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 66.9 % 43-149

Surrogate: 1-Chlorooctadecane 75.4 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 144 @ 2' (H223478-27)**

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	08/06/2022	ND	2.03	102	2.00	2.19	
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	227	114	200	1.91	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 67.4 % 43-149

Surrogate: 1-Chlorooctadecane 76.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 145 @ 2' (H223478-28)**

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	08/06/2022	ND	2.03	102	2.00	2.19	
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	227	114	200	1.91	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 74.3 % 43-149

Surrogate: 1-Chlorooctadecane 85.2 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 146 @ 2' (H223478-29)**

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	08/06/2022	ND	2.03	102	2.00	2.19	
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	227	114	200	1.91	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 69.1 % 43-149

Surrogate: 1-Chlorooctadecane 79.3 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 147 @ 2' (H223478-30)**

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	08/06/2022	ND	2.03	102	2.00	2.19		
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72		
Total BTEX	<0.300	0.300	08/06/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	227	114	200	1.91		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 76.7 % 43-149

Surrogate: 1-Chlorooctadecane 87.4 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 148 @ 2' (H223478-31)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2022	ND	2.03	102	2.00	2.19		
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72		
Total BTEX	<0.300	0.300	08/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	227	114	200	1.91		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 72.8 % 43-149

Surrogate: 1-Chlorooctadecane 81.9 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 149 @ 2' (H223478-32)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2022	ND	2.03	102	2.00	2.19	
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72	
Total BTEX	<0.300	0.300	08/06/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	227	114	200	1.91	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 67.6 % 43-149

Surrogate: 1-Chlorooctadecane 76.2 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 1 (H223478-33)**

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	08/06/2022	ND	2.03	102	2.00	2.19	
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72	
Total BTEX	<0.300	0.300	08/06/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	227	114	200	1.91	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 65.7 % 43-149

Surrogate: 1-Chlorooctadecane 74.6 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 2 (H223478-34)**

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	08/06/2022	ND	2.03	102	2.00	2.19	
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	227	114	200	1.91	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 70.9 % 43-149

Surrogate: 1-Chlorooctadecane 80.4 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 3 (H223478-35)**

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	08/06/2022	ND	2.03	102	2.00	2.19		
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72		
Total BTEX	<0.300	0.300	08/06/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	227	114	200	1.91		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 64.9 % 43-149

Surrogate: 1-Chlorooctadecane 73.8 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 4 (H223478-36)**

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	08/06/2022	ND	2.03	102	2.00	2.19	
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	227	114	200	1.91	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 59.9 % 43-149

Surrogate: 1-Chlorooctadecane 68.0 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 5 (H223478-37)**

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	08/06/2022	ND	2.03	102	2.00	2.19	
Toluene*	<0.050	0.050	08/06/2022	ND	2.09	104	2.00	2.72	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.11	105	2.00	1.78	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.42	107	6.00	1.72	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	227	114	200	1.91	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 63.2 % 43-149

Surrogate: 1-Chlorooctadecane 71.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 6 (H223478-38)**

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	08/06/2022	ND	2.01	101	2.00	4.93	
Toluene*	<0.050	0.050	08/06/2022	ND	2.07	104	2.00	5.38	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.08	104	2.00	4.84	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.34	106	6.00	4.99	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	227	114	200	1.91	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 70.2 % 43-149

Surrogate: 1-Chlorooctadecane 79.1 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 7 (H223478-39)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2022	ND	2.01	101	2.00	4.93	
Toluene*	<0.050	0.050	08/06/2022	ND	2.07	104	2.00	5.38	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.08	104	2.00	4.84	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.34	106	6.00	4.99	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	227	114	200	1.91	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 70.6 % 43-149

Surrogate: 1-Chlorooctadecane 81.0 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 8 (H223478-40)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2022	ND	2.01	101	2.00	4.93	
Toluene*	<0.050	0.050	08/06/2022	ND	2.07	104	2.00	5.38	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.08	104	2.00	4.84	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.34	106	6.00	4.99	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	227	114	200	1.91	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 83.3 % 43-149

Surrogate: 1-Chlorooctadecane 96.4 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 9 (H223478-41)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2022	ND	2.01	101	2.00	4.93	
Toluene*	<0.050	0.050	08/06/2022	ND	2.07	104	2.00	5.38	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.08	104	2.00	4.84	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.34	106	6.00	4.99	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	227	114	200	1.91	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	215	108	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 73.7 % 43-149

Surrogate: 1-Chlorooctadecane 84.5 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 10 (H223478-42)**

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	08/06/2022	ND	2.01	101	2.00	4.93		
Toluene*	<0.050	0.050	08/06/2022	ND	2.07	104	2.00	5.38		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.08	104	2.00	4.84		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.34	106	6.00	4.99		
Total BTEX	<0.300	0.300	08/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	173	86.6	200	10.9		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 76.5 % 43-149

Surrogate: 1-Chlorooctadecane 80.7 % 42.5-161

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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 11 (H223478-43)**

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	08/06/2022	ND	2.03	101	2.00	0.340	
Toluene*	<0.050	0.050	08/06/2022	ND	2.10	105	2.00	0.499	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.14	107	2.00	0.0391	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.57	109	6.00	0.256	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	173	86.6	200	10.9	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 72.4 % 43-149

Surrogate: 1-Chlorooctadecane 75.8 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 12 (H223478-44)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2022	ND	2.03	101	2.00	0.340	
Toluene*	<0.050	0.050	08/06/2022	ND	2.10	105	2.00	0.499	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.14	107	2.00	0.0391	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.57	109	6.00	0.256	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	173	86.6	200	10.9	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 71.8 % 43-149

Surrogate: 1-Chlorooctadecane 75.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 13 (H223478-45)**

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	08/06/2022	ND	2.03	101	2.00	0.340	
Toluene*	<0.050	0.050	08/06/2022	ND	2.10	105	2.00	0.499	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.14	107	2.00	0.0391	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.57	109	6.00	0.256	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	173	86.6	200	10.9	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	177	88.7	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 43-149

Surrogate: 1-Chlorooctadecane 95.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 14 (H223478-46)**

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	08/06/2022	ND	2.03	101	2.00	0.340	
Toluene*	<0.050	0.050	08/06/2022	ND	2.10	105	2.00	0.499	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.14	107	2.00	0.0391	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.57	109	6.00	0.256	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2022	ND	173	86.6	200	10.9	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 69.3 % 43-149

Surrogate: 1-Chlorooctadecane 72.8 % 42.5-161

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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 15 (H223478-47)**

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	08/06/2022	ND	2.03	101	2.00	0.340	
Toluene*	<0.050	0.050	08/06/2022	ND	2.10	105	2.00	0.499	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.14	107	2.00	0.0391	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.57	109	6.00	0.256	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	173	86.6	200	10.9	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 70.8 % 43-149

Surrogate: 1-Chlorooctadecane 74.4 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 16 (H223478-48)**

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	08/06/2022	ND	2.03	101	2.00	0.340	
Toluene*	<0.050	0.050	08/06/2022	ND	2.10	105	2.00	0.499	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.14	107	2.00	0.0391	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.57	109	6.00	0.256	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	173	86.6	200	10.9	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 63.4 % 43-149

Surrogate: 1-Chlorooctadecane 67.6 % 42.5-161

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 17 (H223478-49)**

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	08/06/2022	ND	2.03	101	2.00	0.340		
Toluene*	<0.050	0.050	08/06/2022	ND	2.10	105	2.00	0.499		
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.14	107	2.00	0.0391		
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.57	109	6.00	0.256		
Total BTEX	<0.300	0.300	08/06/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	173	86.6	200	10.9		
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0		
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND						

Surrogate: 1-Chlorooctane 65.2 % 43-149

Surrogate: 1-Chlorooctadecane 69.0 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 18 (H223478-50)**

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	08/06/2022	ND	2.03	101	2.00	0.340	
Toluene*	<0.050	0.050	08/06/2022	ND	2.10	105	2.00	0.499	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.14	107	2.00	0.0391	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.57	109	6.00	0.256	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	173	86.6	200	10.9	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 68.6 % 43-149

Surrogate: 1-Chlorooctadecane 72.9 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 19 (H223478-51)**

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	08/06/2022	ND	2.03	101	2.00	0.340	
Toluene*	<0.050	0.050	08/06/2022	ND	2.10	105	2.00	0.499	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.14	107	2.00	0.0391	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.57	109	6.00	0.256	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	173	86.6	200	10.9	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 70.0 % 43-149

Surrogate: 1-Chlorooctadecane 73.1 % 42.5-161

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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:	08/03/2022	Sampling Date:	08/02/2022
Reported:	08/10/2022	Sampling Type:	Soil
Project Name:	JR OIL - BRUNSON C LEASE (9/4/21)	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

**Sample ID: SIDEWALL 20 (H223478-52)**

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	08/06/2022	ND	2.03	101	2.00	0.340	
Toluene*	<0.050	0.050	08/06/2022	ND	2.10	105	2.00	0.499	
Ethylbenzene*	<0.050	0.050	08/06/2022	ND	2.14	107	2.00	0.0391	
Total Xylenes*	<0.150	0.150	08/06/2022	ND	6.57	109	6.00	0.256	
Total BTEX	<0.300	0.300	08/06/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/08/2022	ND	400	100	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	08/08/2022	ND	173	86.6	200	10.9	
DRO >C10-C28*	<10.0	10.0	08/08/2022	ND	177	88.7	200	10.0	
EXT DRO >C28-C36	<10.0	10.0	08/08/2022	ND					

Surrogate: 1-Chlorooctane 67.8 % 43-149

Surrogate: 1-Chlorooctadecane 71.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCS/D recovery and/or RPD values.
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



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

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc.		P.O. #:	
Project Manager: Cliff Brunson		Company: Oxy	
Address: P.O. Box 805		Attn:	
City: Hobbs		Address:	
Phone #: 575-397-6388		City:	
Fax #: 575-397-0397		State:	
Project #:		Zip:	
Project Name: JR OIL - BRUNSON C LEASE (9/4/21)		Project Owner:	
Project Location: New Mexico		State:	
Sampler Name: SIMON		Phone #:	
FOR LAB USE ONLY		Fax #:	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV			DATE	TIME	Chloride	BTX	TPHXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :					
1	BOTTOM SAMPLE 118 @ 1'	G	1									8/02/22	7:50AM	✓	✓	✓	
2	BOTTOM SAMPLE 119 @ 3'											8/02/22	8:02AM	✓	✓	✓	
3	BOTTOM SAMPLE 120 @ 3'											8/02/22	8:10AM	✓	✓	✓	
4	BOTTOM SAMPLE 121 @ 3'											8/02/22	8:18AM	✓	✓	✓	
5	BOTTOM SAMPLE 122 @ 3'											8/02/22	8:29AM	✓	✓	✓	
6	BOTTOM SAMPLE 123 @ 3'											8/02/22	8:38AM	✓	✓	✓	
7	BOTTOM SAMPLE 124 @ 3'											8/02/22	8:49AM	✓	✓	✓	
8	BOTTOM SAMPLE 125 @ 3'											8/02/22	8:57AM	✓	✓	✓	
9	BOTTOM SAMPLE 126 @ 3'											8/02/22	9:10AM	✓	✓	✓	
10	BOTTOM SAMPLE 127 @ 3'											8/02/22	9:21AM	✓	✓	✓	

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Relinquished By: *SSR* Date: *8/3/22* Time: *11:50*

Received By: *Spodrigner*

Delivered By: (Circle One) *-179* UPS - Bus - Other: *C.O. 125*

Sampler - UPS - Bus - Other: *-2-35 #113*

Sample Condition: Cool  Intact

Checked By: *SSR*

REMARKS:

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc.		P.O. #:								
Project Manager: Cliff Brunson		Company: Oxy								
Address: P.O. Box 805		Attn:								
City: Hobbs		Address:								
State: NM Zip: 88241		City:								
Phone #: 575-397-6388		State:								
Fax #: 575-397-0397		Zip:								
Project #: _____		Project Owner:								
Project Name: JR OIL - BRUNSON C LEASE (9/4/21)		Phone #:								
Project Location: New Mexico		Fax #:								
Sampler Name: SIMON										
FOR LAB USE ONLY										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS	REMARKS
1033478	BOTTOM SAMPLE 128 @ 3'		1	SOIL			8/02/22	9:30AM	✓	Chloride
	BOTTOM SAMPLE 129 @ 1'		1	SOIL			8/02/22	9:41AM	✓	BTEX
	BOTTOM SAMPLE 130 @ 1'		1	SOIL			8/02/22	9:49AM	✓	TPNEXT
	BOTTOM SAMPLE 131 @ 1'		1	SOIL			8/02/22	9:58AM	✓	
	BOTTOM SAMPLE 132 @ 1'		1	SOIL			8/02/22	10:10AM	✓	
	BOTTOM SAMPLE 133 @ 1'		1	SOIL			8/02/22	10:20AM	✓	
	BOTTOM SAMPLE 134 @ 1'		1	SOIL			8/02/22	10:29AM	✓	
	BOTTOM SAMPLE 135 @ 1'		1	SOIL			8/02/22	10:38AM	✓	
	BOTTOM SAMPLE 136 @ 1'		1	SOIL			8/02/22	10:48AM	✓	
	BOTTOM SAMPLE 137 @ 2'		1	SOIL			8/02/22	10:58AM	✓	

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Relinquished By: \_\_\_\_\_ Date: 8/3/22 Time: 10:50

Received By: *Stoddie query*

Delivered By: (Circle One) UPS  Bus  Other  - 172/C.O.U. - 2:30 #113

Sample Condition: Cool  Intact  Yes  No  Yes  No

Checked By: \_\_\_\_\_

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



**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: JR OIL - BRUNSON C LEASE (9/4/21) Project Location: New Mexico Sampler Name: SIMON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
State: NM zip: 88241 Fax #: 575-397-0397 Project Owner: _____		<b>BILL TO</b>	
FOR LAB USE ONLY Lab I.D. Sample I.D.		<b>ANALYSIS REQUEST</b>	
(G)RAB OR (C)OMP. # CONTAINERS MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER: PRESERV: ACID/BASE, ICE / COOL, OTHER:		DATE TIME 8/02/22 11:12AM ✓ 8/02/22 11:20AM ✓ 8/02/22 11:29AM ✓ 8/02/22 11:38AM ✓ 8/02/22 11:50AM ✓ 8/02/22 11:59AM ✓ 8/02/22 12:11PM ✓ 8/02/22 12:20PM ✓ 8/02/22 12:28PM ✓ 8/02/22 12:36PM ✓	
11384-78 21 22 23 24 25 26 27 28 29 30		Chloride BTEX TPH/EXT	
BOTTOM SAMPLE 138 @ 2' BOTTOM SAMPLE 139 @ 2' BOTTOM SAMPLE 140 @ 2' BOTTOM SAMPLE 141 @ 2' BOTTOM SAMPLE 142 @ 2' BOTTOM SAMPLE 143 @ 2' BOTTOM SAMPLE 144 @ 2' BOTTOM SAMPLE 145 @ 2' BOTTOM SAMPLE 146 @ 2' BOTTOM SAMPLE 147 @ 2'		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	

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Relinquished By: \_\_\_\_\_ Date: 8/31/22 Time: 10:50  
 Received By: *Sto...* Date: \_\_\_\_\_ Time: \_\_\_\_\_

Delivered By: (Circle One) *-172 C.D.U.*  
 Sampler - UPS - Bus - Other: *#13-232*

Sample Condition: Cool Intact  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: JR OIL - BRUNSON C LEASE (9/4/21) Project Location: New Mexico Sampler Name: SIMON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____																					
<b>BILL TO</b>																							
<b>ANALYSIS REQUEST</b>																							
Lab I.D. H023478 31 32 33 34 35 36 37 38 39 40	Sample I.D. BOTTOM SAMPLE 148 @ 2' BOTTOM SAMPLE 149 @ 2' SIDEWALL 1 SIDEWALL 2 SIDEWALL 3 SIDEWALL 4 SIDEWALL 5 SIDEWALL 6 SIDEWALL 7 SIDEWALL 8	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	PRESERV SAMPLING	DATE	TIME	Chloride	BTEX	TPH EXT														
					8/02/22	12:45PM	✓	✓	✓														
					8/02/22	12:55PM	✓	✓	✓														
					8/02/22	1:08PM	✓	✓	✓														
					8/02/22	1:19PM	✓	✓	✓														
					8/02/22	1:27PM	✓	✓	✓														
					8/02/22	1:36PM	✓	✓	✓														
					8/02/22	1:45PM	✓	✓	✓														
					8/02/22	1:54PM	✓	✓	✓														
8/02/22	2:04PM	✓	✓	✓																			
8/02/22	2:10PM	✓	✓	✓																			

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Relinquished By: *[Signature]* Date: 8/3/22 Time: 10:50  
 Received By: *[Signature]* Date: 8/3/22 Time: 10:50

Delivered By: (Circle One)  UPS  Bus  Other: *[Signature]* #113

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: JR OIL - BRUNSON C LEASE (9/4/21) Project Location: New Mexico Sampler Name: SIMON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: _____		<b>BILL TO</b>	
FOR LAB USE ONLY Lab I.D. Sample I.D. H223178 41 43 43 44 45 46 47 48 49 50		ANALYSIS REQUEST	
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		DATE TIME	
SIDEWALL 9 SIDEWALL 10 SIDEWALL 11 SIDEWALL 12 SIDEWALL 13 SIDEWALL 14 SIDEWALL 15 SIDEWALL 16 SIDEWALL 17 SIDEWALL 18		8/02/22 2:17PM 8/02/22 2:26PM 8/02/22 2:35PM 8/02/22 2:44PM 8/02/22 2:56PM 8/02/22 3:07PM 8/02/22 3:15PM 8/02/22 3:23PM 8/02/22 3:30PM 8/02/22 3:37PM	
Chloride BTEX TPH/EXT		ANALYSIS REQUEST	
Relinquished By: _____ Date: _____ Time: _____		Received By: <i>Spodekigney</i> Date: 8/3/22 Time: 10:50	
Delivered By: (Circle One) -17°C Sampler - UPS - Bus - Other: _____ Sample Condition: Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: _____ (Initials)	
Relinquished 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: _____			

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

**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:		Phone #:			
Project Name: JR OIL - BRUNSON C LEASE (9/4/21)		PRESERV		SAMPLING			
Project Location: New Mexico		DATE		TIME			
Sampler Name: SIMON		8/02/22		3:45PM			
FOR LAB USE ONLY		8/02/22		3:53PM			
Lab I.D. <b>H033418</b>		(G)RAB OR (C)OMP.		DATE		TIME	
SIDEWALL 19		# CONTAINERS		8/02/22		3:45PM	
SIDEWALL 20		GROUNDWATER		8/02/22		3:53PM	
		WASTEWATER					
		SOIL					
		OIL					
		SLUDGE					
		OTHER :					
		ACID/BASE:					
		ICE / COOL					
		OTHER :					
		DATE		TIME			
		8/02/22		3:45PM			
		8/02/22		3:53PM			
		✓		✓		Chloride	
		✓		✓		BTEX	
		✓		✓		TPH EXT	

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Relinquished By: *[Signature]* Date: *8/3/22* Time: *10:50* Received By: *Stodiegers*

Delivered By: (Circle One) *-1.7e* Sample Condition: *C.O.U.e* CHECKED BY: *[Signature]*  
 Cooler Intact:  Yes  No  
 Sampler - UPS - Bus - Other: *-2.3e #113*  Yes  No

REMARKS:

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

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

---

January 06, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: BRUNSON C LEASE CTB

Enclosed are the results of analyses for samples received by the laboratory on 12/29/21 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 "Mike Snyder".

Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP NORTH @ SURFACE (H213749-01)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2021	ND	2.09	104	2.00	1.03	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.79	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	1.97	98.3	2.00	0.564	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.01	100	6.00	0.111	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/03/2022	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	12/30/2021	ND	191	95.6	200	1.56	
DRO >C10-C28*	<10.0	10.0	12/30/2021	ND	204	102	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	12/30/2021	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP EAST @ SURFACE (H213749-02)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2021	ND	2.09	104	2.00	1.03		
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.79		
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	1.97	98.3	2.00	0.564		
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.01	100	6.00	0.111		
Total BTEX	<0.300	0.300	12/30/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/03/2022	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	12/30/2021	ND	191	95.6	200	1.56		
DRO >C10-C28*	<10.0	10.0	12/30/2021	ND	204	102	200	0.231		
EXT DRO >C28-C36	<10.0	10.0	12/30/2021	ND						

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP WEST @ SURFACE (H213749-03)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2021	ND	2.09	104	2.00	1.03	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.79	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	1.97	98.3	2.00	0.564	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.01	100	6.00	0.111	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/03/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2021	ND	191	95.6	200	1.56	
DRO >C10-C28*	<10.0	10.0	12/30/2021	ND	204	102	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	12/30/2021	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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\* = Accredited Analyte

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP SOUTH @ SURFACE (H213749-04)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2021	ND	2.09	104	2.00	1.03		
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.79		
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	1.97	98.3	2.00	0.564		
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.01	100	6.00	0.111		
Total BTEX	<0.300	0.300	12/30/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/03/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/30/2021	ND	191	95.6	200	1.56		
DRO >C10-C28*	<10.0	10.0	12/30/2021	ND	204	102	200	0.231		
EXT DRO >C28-C36	<10.0	10.0	12/30/2021	ND						

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.9 % 59.5-142

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\* = Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 1 @ SURFACE (H213749-05)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2021	ND	2.09	104	2.00	1.03	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.79	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	1.97	98.3	2.00	0.564	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.01	100	6.00	0.111	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>192</b>	16.0	01/03/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2021	ND	191	95.6	200	1.56	
<b>DRO &gt;C10-C28*</b>	<b>107</b>	10.0	12/30/2021	ND	204	102	200	0.231	
<b>EXT DRO &gt;C28-C36</b>	<b>72.6</b>	10.0	12/30/2021	ND					

Surrogate: 1-Chlorooctane 90.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.3 % 59.5-142

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\* = Accredited Analyte

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 1 @ 1' (H213749-06)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2021	ND	2.09	104	2.00	1.03	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.79	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	1.97	98.3	2.00	0.564	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.01	100	6.00	0.111	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/03/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2021	ND	191	95.6	200	1.56	
DRO >C10-C28*	<10.0	10.0	12/30/2021	ND	204	102	200	0.231	
EXT DRO >C28-C36	15.2	10.0	12/30/2021	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.4 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 1 @ 2' (H213749-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	01/03/2022	ND	432	108	400	0.00	

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 2 @ SURFACE (H213749-08)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2021	ND	2.09	104	2.00	1.03	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.79	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	1.97	98.3	2.00	0.564	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.01	100	6.00	0.111	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	01/03/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2021	ND	191	95.6	200	1.56	
<b>DRO &gt;C10-C28*</b>	<b>404</b>	10.0	12/30/2021	ND	204	102	200	0.231	
<b>EXT DRO &gt;C28-C36</b>	<b>300</b>	10.0	12/30/2021	ND					

Surrogate: 1-Chlorooctane 93.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.0 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 2 @ 1' (H213749-09)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2021	ND	2.09	104	2.00	1.03	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.79	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	1.97	98.3	2.00	0.564	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.01	100	6.00	0.111	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/03/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2021	ND	191	95.6	200	1.56	
DRO >C10-C28*	<10.0	10.0	12/30/2021	ND	204	102	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	12/30/2021	ND					

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 2 @ 2' (H213749-10)**

**Chloride, SM4500Cl-B**

**mg/kg**

**Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>176</b>	16.0	01/03/2022	ND	432	108	400	0.00	

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**Analytical Results For:**

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Fax To: (575) 397-0397

Received:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 3 @ SURFACE (H213749-11)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2021	ND	2.09	104	2.00	1.03	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.79	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	1.97	98.3	2.00	0.564	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.01	100	6.00	0.111	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>112</b>	16.0	01/03/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2021	ND	191	95.6	200	1.56	
<b>DRO &gt;C10-C28*</b>	<b>61.9</b>	10.0	12/30/2021	ND	204	102	200	0.231	
<b>EXT DRO &gt;C28-C36</b>	<b>55.0</b>	10.0	12/30/2021	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.2 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 3 @ 1' (H213749-12)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2021	ND	2.09	104	2.00	1.03	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.79	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	1.97	98.3	2.00	0.564	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.01	100	6.00	0.111	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	01/03/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2021	ND	191	95.6	200	1.56	
DRO >C10-C28*	<10.0	10.0	12/30/2021	ND	204	102	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	12/30/2021	ND					

Surrogate: 1-Chlorooctane 97.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.6 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 3 @ 2' (H213749-13)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>256</b>	16.0	01/03/2022	ND	432	108	400	0.00	

**Sample ID: SP 3 @ 3' (H213749-14)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>176</b>	16.0	01/03/2022	ND	432	108	400	0.00	

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 4 @ SURFACE (H213749-15)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2021	ND	2.09	104	2.00	1.03	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.79	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	1.97	98.3	2.00	0.564	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.01	100	6.00	0.111	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	01/03/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	191	95.6	200	1.56	
<b>DRO &gt;C10-C28*</b>	<b>598</b>	10.0	01/03/2022	ND	204	102	200	0.231	
<b>EXT DRO &gt;C28-C36</b>	<b>425</b>	10.0	01/03/2022	ND					

Surrogate: 1-Chlorooctane 78.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 134 % 59.5-142

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\* = Accredited Analyte

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 4 @ 1' (H213749-16)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2021	ND	2.09	104	2.00	1.03	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.79	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	1.97	98.3	2.00	0.564	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.01	100	6.00	0.111	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/03/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2021	ND	191	95.6	200	1.56	
DRO >C10-C28*	<10.0	10.0	12/30/2021	ND	204	102	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	12/30/2021	ND					

Surrogate: 1-Chlorooctane 98.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.6 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 4 @ 2' (H213749-17)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	01/03/2022	ND	432	108	400	0.00	

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 5 @ SURFACE (H213749-18)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2021	ND	2.09	104	2.00	1.03	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.79	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	1.97	98.3	2.00	0.564	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.01	100	6.00	0.111	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	01/03/2022	ND	432	108	400	0.00	

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	01/03/2022	ND	191	95.6	200	1.56		
<b>DRO &gt;C10-C28*</b>	<b>4740</b>	10.0	01/03/2022	ND	204	102	200	0.231		
<b>EXT DRO &gt;C28-C36</b>	<b>1630</b>	10.0	01/03/2022	ND						

Surrogate: 1-Chlorooctane 85.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 219 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 5 @ 1' (H213749-19)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2021	ND	2.09	104	2.00	1.03	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.79	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	1.97	98.3	2.00	0.564	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.01	100	6.00	0.111	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>288</b>	16.0	01/03/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2021	ND	200	99.8	200	0.999	
<b>DRO &gt;C10-C28*</b>	<b>260</b>	10.0	12/31/2021	ND	213	106	200	1.23	
<b>EXT DRO &gt;C28-C36</b>	<b>85.9</b>	10.0	12/31/2021	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 124 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 5 @ 2' (H213749-20)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2022	ND	2.02	101	2.00	4.61	
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	4.25	
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	1.95	97.3	2.00	4.74	
Total Xylenes*	<0.150	0.150	01/05/2022	ND	5.93	98.8	6.00	4.30	
Total BTEX	<0.300	0.300	01/05/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>208</b>	16.0	01/03/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2022	ND	191	95.5	200	4.99	
<b>DRO &gt;C10-C28*</b>	<b>15.0</b>	10.0	01/05/2022	ND	183	91.6	200	7.21	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.3 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 6 @ SURFACE (H213749-21)**

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	12/30/2021	ND	2.12	106	2.00	1.30	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>512</b>	16.0	01/03/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2021	ND	200	99.8	200	0.999	
<b>DRO &gt;C10-C28*</b>	<b>31.6</b>	10.0	12/30/2021	ND	213	106	200	1.23	
<b>EXT DRO &gt;C28-C36</b>	<b>27.2</b>	10.0	12/30/2021	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.7 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 6 @ 1' (H213749-22)**

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	12/30/2021	ND	2.12	106	2.00	1.30	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<b>384</b>	16.0	01/03/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2021	ND	200	99.8	200	0.999	
DRO >C10-C28*	<10.0	10.0	12/30/2021	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	12/30/2021	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.6 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 6 @ 2' (H213749-23)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>96.0</b>	16.0	01/03/2022	ND	432	108	400	3.77	

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 7 @ SURFACE (H213749-24)**

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2021	ND	2.12	106	2.00	1.30		
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07		
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675		
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531		
Total BTEX	<0.300	0.300	12/30/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	01/03/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/31/2021	ND	200	99.8	200	0.999		
DRO >C10-C28*	510	10.0	12/31/2021	ND	213	106	200	1.23		
EXT DRO >C28-C36	310	10.0	12/31/2021	ND						

Surrogate: 1-Chlorooctane 94.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.9 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 7 @ 1' (H213749-25)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2021	ND	2.12	106	2.00	1.30	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>112</b>	16.0	01/03/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2021	ND	200	99.8	200	0.999	
<b>DRO &gt;C10-C28*</b>	<b>264</b>	10.0	12/30/2021	ND	213	106	200	1.23	
<b>EXT DRO &gt;C28-C36</b>	<b>74.6</b>	10.0	12/30/2021	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 126 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 7 @ 2' (H213749-26)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2022	ND	2.02	101	2.00	4.61	
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	4.25	
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	1.95	97.3	2.00	4.74	
Total Xylenes*	<0.150	0.150	01/05/2022	ND	5.93	98.8	6.00	4.30	
Total BTEX	<0.300	0.300	01/05/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	01/03/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2022	ND	191	95.5	200	4.99	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	183	91.6	200	7.21	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 93.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.0 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 7 @ 3' (H213749-27)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2022	ND	2.02	101	2.00	4.61	
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	4.25	
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	1.95	97.3	2.00	4.74	
Total Xylenes*	<0.150	0.150	01/05/2022	ND	5.93	98.8	6.00	4.30	
Total BTEX	<0.300	0.300	01/05/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/03/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2022	ND	191	95.5	200	4.99	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	183	91.6	200	7.21	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.7 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 8 @ SURFACE (H213749-28)**

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2021	ND	2.12	106	2.00	1.30	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>240</b>	16.0	01/03/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2021	ND	200	99.8	200	0.999	
<b>DRO &gt;C10-C28*</b>	<b>88.9</b>	10.0	12/30/2021	ND	213	106	200	1.23	
<b>EXT DRO &gt;C28-C36</b>	<b>61.8</b>	10.0	12/30/2021	ND					

Surrogate: 1-Chlorooctane 91.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.1 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 8 @ 1' (H213749-29)**

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	12/30/2021	ND	2.12	106	2.00	1.30	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	01/03/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2021	ND	200	99.8	200	0.999	
DRO >C10-C28*	<10.0	10.0	12/31/2021	ND	213	106	200	1.23	
<b>EXT DRO &gt;C28-C36</b>	<b>12.7</b>	10.0	12/31/2021	ND					

Surrogate: 1-Chlorooctane 98.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.6 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/27/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 8 @ 2' (H213749-30)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	01/03/2022	ND	432	108	400	3.77	

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 9 @ SURFACE (H213749-31)**

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	12/30/2021	ND	2.12	106	2.00	1.30	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531	
Total BTEX	<0.300	0.300	12/30/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>256</b>	16.0	01/03/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2021	ND	200	99.8	200	0.999	
<b>DRO &gt;C10-C28*</b>	<b>705</b>	10.0	12/31/2021	ND	213	106	200	1.23	
<b>EXT DRO &gt;C28-C36</b>	<b>380</b>	10.0	12/31/2021	ND					

Surrogate: 1-Chlorooctane 88.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 9 @ 1' (H213749-32)**

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	12/30/2021	ND	2.12	106	2.00	1.30	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/03/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2021	ND	200	99.8	200	0.999	
DRO >C10-C28*	<10.0	10.0	12/31/2021	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	12/31/2021	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 9 @ 2' (H213749-33)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>208</b>	16.0	01/03/2022	ND	432	108	400	3.77	

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 10 @ SURFACE (H213749-34)**

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	12/30/2021	ND	2.12	106	2.00	1.30	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	01/03/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2021	ND	200	99.8	200	0.999	
<b>DRO &gt;C10-C28*</b>	<b>71.8</b>	10.0	12/31/2021	ND	213	106	200	1.23	
<b>EXT DRO &gt;C28-C36</b>	<b>147</b>	10.0	12/31/2021	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 10 @ 1' (H213749-35)**

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	12/30/2021	ND	2.12	106	2.00	1.30	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531	
Total BTEX	<0.300	0.300	12/30/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	01/03/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2021	ND	200	99.8	200	0.999	
<b>DRO &gt;C10-C28*</b>	<b>62.9</b>	10.0	12/31/2021	ND	213	106	200	1.23	
<b>EXT DRO &gt;C28-C36</b>	<b>130</b>	10.0	12/31/2021	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 10 @ 2' (H213749-36)**

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	01/05/2022	ND	2.02	101	2.00	4.61	
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	4.25	
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	1.95	97.3	2.00	4.74	
Total Xylenes*	<0.150	0.150	01/05/2022	ND	5.93	98.8	6.00	4.30	
Total BTEX	<0.300	0.300	01/05/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/03/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2022	ND	191	95.5	200	4.99	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	183	91.6	200	7.21	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.2 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 11 @ SURFACE (H213749-37)**

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	12/30/2021	ND	2.12	106	2.00	1.30	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531	
Total BTEX	<0.300	0.300	12/30/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>800</b>	16.0	01/03/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2021	ND	200	99.8	200	0.999	
<b>DRO &gt;C10-C28*</b>	<b>425</b>	10.0	12/31/2021	ND	213	106	200	1.23	
<b>EXT DRO &gt;C28-C36</b>	<b>253</b>	10.0	12/31/2021	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 141 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 11 @ 1' (H213749-38)**

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	12/30/2021	ND	2.12	106	2.00	1.30	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/03/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2021	ND	200	99.8	200	0.999	
DRO >C10-C28*	<10.0	10.0	12/31/2021	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	12/31/2021	ND					

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 11 @ 2' (H213749-39)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	01/03/2022	ND	432	108	400	3.77	

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 12 @ SURFACE (H213749-40)**

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	12/30/2021	ND	2.12	106	2.00	1.30	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531	
Total BTEX	<0.300	0.300	12/30/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/03/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2021	ND	200	99.8	200	0.999	
DRO >C10-C28*	<10.0	10.0	12/31/2021	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	12/31/2021	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 12 @ 1' (H213749-41)**

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	12/30/2021	ND	2.12	106	2.00	1.30	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	01/03/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2021	ND	200	99.8	200	0.999	
<b>DRO &gt;C10-C28*</b>	<b>114</b>	10.0	12/31/2021	ND	213	106	200	1.23	
<b>EXT DRO &gt;C28-C36</b>	<b>173</b>	10.0	12/31/2021	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 12 @ 2' (H213749-42)**

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	01/05/2022	ND	2.02	101	2.00	4.61	
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	4.25	
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	1.95	97.3	2.00	4.74	
Total Xylenes*	<0.150	0.150	01/05/2022	ND	5.93	98.8	6.00	4.30	
Total BTEX	<0.300	0.300	01/05/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	01/03/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2022	ND	191	95.5	200	4.99	
<b>DRO &gt;C10-C28*</b>	<b>311</b>	10.0	01/05/2022	ND	183	91.6	200	7.21	
<b>EXT DRO &gt;C28-C36</b>	<b>259</b>	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 98.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 13 @ SURFACE (H213749-43)**

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	12/30/2021	ND	2.12	106	2.00	1.30	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531	
Total BTEX	<0.300	0.300	12/30/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	01/03/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2021	ND	200	99.8	200	0.999	
<b>DRO &gt;C10-C28*</b>	<b>616</b>	10.0	12/31/2021	ND	213	106	200	1.23	
<b>EXT DRO &gt;C28-C36</b>	<b>329</b>	10.0	12/31/2021	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 128 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 13 @ 1' (H213749-44)**

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	12/30/2021	ND	2.12	106	2.00	1.30		
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07		
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675		
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531		
Total BTEX	<0.300	0.300	12/30/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/03/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/31/2021	ND	200	99.8	200	0.999		
DRO >C10-C28*	<10.0	10.0	12/31/2021	ND	213	106	200	1.23		
EXT DRO >C28-C36	<10.0	10.0	12/31/2021	ND						

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.3 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 13 @ 2' (H213749-45)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	01/03/2022	ND	416	104	400	3.77	

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**Analytical Results For:**

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 Fax To: (575) 397-0397

Received:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 14 @ SURFACE (H213749-46)**

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	12/30/2021	ND	2.12	106	2.00	1.30	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	01/03/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2021	ND	200	99.8	200	0.999	
<b>DRO &gt;C10-C28*</b>	<b>59.6</b>	10.0	12/31/2021	ND	213	106	200	1.23	
<b>EXT DRO &gt;C28-C36</b>	<b>21.2</b>	10.0	12/31/2021	ND					

Surrogate: 1-Chlorooctane 80.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.7 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 14 @ 1' (H213749-47)**

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	12/30/2021	ND	2.12	106	2.00	1.30	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/03/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2021	ND	200	99.8	200	0.999	
DRO >C10-C28*	<10.0	10.0	12/31/2021	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	12/31/2021	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 14 @ 2' (H213749-48)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>352</b>	16.0	01/03/2022	ND	416	104	400	3.77	

**Sample ID: SP 14 @ 3' (H213749-49)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	01/03/2022	ND	416	104	400	3.77	

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**Analytical Results For:**

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

Received:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 15 @ SURFACE (H213749-50)**

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	12/30/2021	ND	2.12	106	2.00	1.30	
Toluene*	<0.050	0.050	12/30/2021	ND	2.00	100	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/30/2021	ND	2.00	99.8	2.00	0.675	
Total Xylenes*	<0.150	0.150	12/30/2021	ND	6.22	104	6.00	0.531	
Total BTEX	<0.300	0.300	12/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	01/03/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/31/2021	ND	200	99.8	200	0.999	
<b>DRO &gt;C10-C28*</b>	<b>69.2</b>	10.0	12/31/2021	ND	213	106	200	1.23	
<b>EXT DRO &gt;C28-C36</b>	<b>43.1</b>	10.0	12/31/2021	ND					

Surrogate: 1-Chlorooctane 99.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.5 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 15 @ 1' (H213749-51)**

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	12/31/2021	ND	2.10	105	2.00	3.08	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	3.54	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.96	98.1	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	5.97	99.5	6.00	4.63	
Total BTEX	<0.300	0.300	12/31/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/03/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	217	108	200	2.36	
DRO >C10-C28*	<10.0	10.0	01/03/2022	ND	222	111	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	01/03/2022	ND					

Surrogate: 1-Chlorooctane 91.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.9 % 59.5-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 15 @ 2' (H213749-52)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>96.0</b>	16.0	01/03/2022	ND	416	104	400	3.77	

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**Analytical Results For:**

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

Received:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 16 @ SURFACE (H213749-53)**

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	12/31/2021	ND	2.10	105	2.00	3.08	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	3.54	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.96	98.1	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	5.97	99.5	6.00	4.63	
Total BTEX	<0.300	0.300	12/31/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/03/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	217	108	200	2.36	
DRO >C10-C28*	<10.0	10.0	01/03/2022	ND	222	111	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	01/03/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.9 % 59.5-142

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\* = Accredited Analyte

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 16 @ 1' (H213749-54)**

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	12/31/2021	ND	2.10	105	2.00	3.08	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	3.54	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.96	98.1	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	5.97	99.5	6.00	4.63	
Total BTEX	<0.300	0.300	12/31/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/03/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	217	108	200	2.36	
DRO >C10-C28*	152	10.0	01/03/2022	ND	222	111	200	4.27	
EXT DRO >C28-C36	93.9	10.0	01/03/2022	ND					

Surrogate: 1-Chlorooctane 99.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 16 @ 2' (H213749-55)**

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	01/05/2022	ND	2.02	101	2.00	4.61	
Toluene*	<0.050	0.050	01/05/2022	ND	1.99	99.7	2.00	4.25	
Ethylbenzene*	<0.050	0.050	01/05/2022	ND	1.95	97.3	2.00	4.74	
Total Xylenes*	<0.150	0.150	01/05/2022	ND	5.93	98.8	6.00	4.30	
Total BTEX	<0.300	0.300	01/05/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/03/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2022	ND	191	95.5	200	4.99	
DRO >C10-C28*	<10.0	10.0	01/05/2022	ND	183	91.6	200	7.21	
EXT DRO >C28-C36	<10.0	10.0	01/05/2022	ND					

Surrogate: 1-Chlorooctane 88.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.9 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 17 @ SURFACE (H213749-56)**

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	12/31/2021	ND	2.10	105	2.00	3.08	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	3.54	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.96	98.1	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	5.97	99.5	6.00	4.63	
Total BTEX	<0.300	0.300	12/31/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>784</b>	16.0	01/03/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	217	108	200	2.36	
<b>DRO &gt;C10-C28*</b>	<b>529</b>	10.0	01/03/2022	ND	222	111	200	4.27	
<b>EXT DRO &gt;C28-C36</b>	<b>219</b>	10.0	01/03/2022	ND					

Surrogate: 1-Chlorooctane 97.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 17 @ 1' (H213749-57)**

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	12/31/2021	ND	2.10	105	2.00	3.08	
Toluene*	<0.050	0.050	12/31/2021	ND	2.02	101	2.00	3.54	
Ethylbenzene*	<0.050	0.050	12/31/2021	ND	1.96	98.1	2.00	4.11	
Total Xylenes*	<0.150	0.150	12/31/2021	ND	5.97	99.5	6.00	4.63	
Total BTEX	<0.300	0.300	12/31/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	01/03/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/03/2022	ND	217	108	200	2.36	
DRO >C10-C28*	<10.0	10.0	01/03/2022	ND	222	111	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	01/03/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Mike Snyder For 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:	12/29/2021	Sampling Date:	12/28/2021
Reported:	01/06/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL -		

**Sample ID: SP 17 @ 2' (H213749-58)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	01/03/2022	ND	416	104	400	3.77	

**Sample ID: SP 17 @ 3' (H213749-59)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	01/03/2022	ND	416	104	400	3.77	

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

---

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A handwritten signature in black ink, appearing to read "Mike Snyder".

---

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc.  
 Project Manager: Cliff Brunson  
 Address: P.O. Box 805  
 City: Hobbs State: NM Zip: 88241  
 Phone #: 575-397-6388 Fax #: 575-397-0397  
 Project #: Project Owner: Oxy  
 Project Name: BRUNSON C LEASE CTB (9/4/21)  
 Project Location: NEW MEXICO  
 Sampler Name: SIMON  
 P.O. #: Company: Attn: JRO1  
 Address: City: State: Zip: Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CC	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
1	SP NORTH @ SURFACE		1						12/27/21	8:25AM	✓	✓	✓	
2	SP EAST @ SURFACE		1						12/27/21	8:40AM	✓	✓	✓	
3	SP WEST @ SURFACE		1						12/27/21	8:54AM	✓	✓	✓	
4	SP SOUTH @ SURFACE		1						12/27/21	9:15AM	✓	✓	✓	
5	SP 1 @ SURFACE		1						12/27/21	9:30AM	✓	✓	✓	
6	SP 1 @ 1'		1						12/27/21	9:42AM	✓	✓	✓	
7	SP 1 @ 2'		1						12/27/21	9:55AM	✓	✓	✓	
8	SP 2 @ SURFACE		1						12/27/21	10:12AM	✓	✓	✓	
9	SP 2 @ 1'		1						12/27/21	10:37AM	✓	✓	✓	
10	SP 2 @ 2'		1						12/27/21	10:54AM	✓	✓	✓	

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Relinquished By: [Signature] Date: 12-29-21 Received By: [Signature] Date: 12-29-21  
 Relinquished By: [Signature] Date: 12-29-21 Received By: [Signature] Date: 12-29-21  
 Delivered By: (Circle One) [Signature] Time: 12:15  
 Sampler - UPS - Bus - Other: [Signature] Time: 5:10  
 Sample Condition: [Checked] Yes [ ] No  
 Cool Impact: [Checked] Yes [ ] No  
 CHECKED BY: [Signature] (Initials) [Signature] COK #113

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

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



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

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc.  
 Project Manager: Cliff Brunson  
 Address: P.O. Box 805  
 City: Hobbs State: NM zip: 88241  
 Phone #: 575-397-6388 Fax #: 575-397-0397  
 Project #: Project Owner: Oxy  
 Project Name: BRUNSON C LEASE CTB (9/4/21)  
 Project Location: NEW MEXICO  
 Sampler Name: SIMON  
 P.O. #: Company: Attn: *PROT*  
 Address: City: State: Zip:  
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CC	BTEX	TPH	EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						
<i>H213749</i>	SP 3 @ SURFACE	<input checked="" type="checkbox"/>	1							12/27/21	11:15AM				
	SP 3 @ 1'									12/27/21	11:24AM				
	SP 3 @ 2'									12/27/21	11:35AM				
	SP 3 @ 3'									12/27/21	11:40AM				
	SP 4 @ SURFACE									12/27/21	11:47AM				
	SP 4 @ 1'									12/27/21	12:03PM				
	SP 4 @ 2'									12/27/21	12:45PM				
	SP 5 @ SURFACE									12/27/21	1:05PM				
	SP 5 @ 1'									12/27/21	1:16PM				
	SP 5 @ 2'									12/27/21	1:28PM				

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Relinquished By: *Simon* Date: *12-29-21* Time: *8:00 AM* Received By: *Cliff Brunson*  
 Relinquished By: *Cliff Brunson* Date: *12-29-21* Time: *12:29 PM* Received By: *Cliff Brunson*  
 Delivered By: (Circle One) *UPS* Sample Condition:  Intact  Cool  Yes  No  
 Sampler - UPS - Bus - Other: *510c* *510c* CHECKED BY: *Cliff Brunson* (Initials) *Cliff#113*

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



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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc.  
 Project Manager: Cliff Brunson  
 Address: P.O. Box 805  
 City: Hobbs State: NM Zip: 88241  
 Phone #: 575-397-6388 Fax #: 575-397-0397  
 Project #: Project Owner: Oxy  
 Project Name: BRUNSON C LEASE CTB (9/4/21)  
 Project Location: NEW MEXICO  
 Sampler Name: SIMON  
 P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CHECKED BY:	REMARKS:
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :				
H213749	SP 6 @ SURFACE	G	1						12/27/21	1:43PM	✓		
21	SP 6 @ 1'								12/27/21	1:58PM	✓		
22	SP 6 @ 2'								12/27/21	2:10PM	✓		
23	SP 7 @ SURFACE								12/27/21	2:38PM	✓		
24	SP 7 @ 1'								12/27/21	2:54PM	✓		
25	SP 7 @ 2'								12/27/21	3:02PM	✓		
26	SP 7 @ 3'								12/27/21	3:10PM	✓		
27	SP 8 @ SURFACE								12/27/21	3:16PM	✓		
28	SP 8 @ 1'								12/27/21	3:27PM	✓		
29	SP 8 @ 2'								12/27/21	3:42PM	✓		

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Relinquished By: *Simon Drake* Date: 12-29-21 Received By: *Cliff Brunson* Date: 12-29-21  
 Relinquished By: *Cliff Brunson* Time: 8:00 AM Received By: *Cliff Brunson* Time: 8:15 AM  
 Delivered By: (Circle One)  UPS  Bus  Other: *-4.60*  
 Sampled By: *Cliff Brunson* Sample Condition:  Intact  Cool  Preserved  
 CHECKED BY: *Cliff Brunson* (Initials) *CB #113*

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



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

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc.  
 Project Manager: Cliff Brunson  
 Address: P.O. Box 805  
 City: Hobbs  
 State: NM Zip: 88241  
 Phone #: 575-397-6388 Fax #: 575-397-0397  
 Project #: Project Owner: Oxy  
 Project Name: BRUNSON C LEASE CTB (9/4/21)  
 Project Location: NEW MEXICO  
 Sampler Name: SIMON  
 P.O. #: Company: JRO  
 Attn: JRO  
 Address: JRO  
 City: State: Zip:  
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	BTEX	TPH EXT	Add'l Phone #:	Add'l Fax #:
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
H213749	SP 9 @ SURFACE		1							12/28/21	8:20AM	✓	✓	✓		
	SP 9 @ 1'		1							12/28/21	8:29AM	✓	✓	✓		
	SP 9 @ 2'		1							12/28/21	8:41AM	✓	✓	✓		
	SP 10 @ SURFACE		1							12/28/21	9:02AM	✓	✓	✓		
	SP 10 @ 1'		1							12/28/21	9:14AM	✓	✓	✓		
	SP 10 @ 2'		1							12/28/21	9:23AM	✓	✓	✓		
	SP 11 @ SURFACE		1							12/28/21	9:35AM	✓	✓	✓		
	SP 11 @ 1'		1							12/28/21	9:46AM	✓	✓	✓		
	SP 11 @ 2'		1							12/28/21	9:53AM	✓	✓	✓		
	SP 12 @ SURFACE		1							12/28/21	10:18AM	✓	✓	✓		

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Relinquished By: [Signature] Date: 12-29-21 Time: 9:00 AM Received By: [Signature] Date: 12-29-21 Time: 12:45 PM  
 Delivered By: (Circle One) [Signature] -46°C [Signature] -5:10c  
 Sampler - UPS - Bus - Other: [Signature] [Signature] [Signature]  
 CHECKED BY: [Signature] (Initials) [Signature] [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



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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: BRUNSON C LEASE CTB (9/4/21) Project Location: NEW MEXICO Sampler Name: SIMON		P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. <b>H213749</b>		(G)RAB OR (C)OMP. _____ # CONTAINERS _____ GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER : _____ ACID/BASE: _____ ICE / COOL _____ OTHER : _____	
Sample I.D.		MATRIX _____ PRESERV. _____ SAMPLING _____	
41 SP 12 @ 1' 42 SP 12 @ 2' 43 SP 13 @ SURFACE 44 SP 13 @ 1' 45 SP 13 @ 2' 46 SP 14 @ SURFACE 47 SP 14 @ 1' 48 SP 14 @ 2' 49 SP 14 @ 3' 50 SP 15 @ SURFACE	DATE 12/28/21 12/28/21 12/28/21 12/28/21 12/28/21 12/28/21 12/28/21 12/28/21 12/28/21 12/28/21	TIME 10:27AM 10:38AM 11:00AM 11:12AM 11:23AM 11:33AM 11:45AM 11:55AM 12:08PM 12:50PM	ANALYSIS REQUEST [Handwritten: BTX, TPH, etc.]





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

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January 18, 2022

Cliff Brunson  
BBC International, Inc.  
P.O. Box 805  
Hobbs, NM 88241

RE: BRUNSON C LEASE CTB

Enclosed are the results of analyses for samples received by the laboratory on 01/14/22 13:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:	01/14/2022	Sampling Date:	01/10/2022
Reported:	01/18/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL - NM		

**Sample ID: SP 12 @ 3' (H220167-01)**

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	01/17/2022	ND	1.98	99.2	2.00	2.71		
Toluene*	<0.050	0.050	01/17/2022	ND	1.96	98.1	2.00	3.36		
Ethylbenzene*	<0.050	0.050	01/17/2022	ND	2.00	100	2.00	5.84		
Total Xylenes*	<0.150	0.150	01/17/2022	ND	6.47	108	6.00	1.92		
Total BTEX	<0.300	0.300	01/17/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/17/2022	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	01/18/2022	ND	217	108	200	0.239		
DRO >C10-C28*	<10.0	10.0	01/18/2022	ND	224	112	200	4.75		
EXT DRO >C28-C36	<10.0	10.0	01/18/2022	ND						

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/14/2022	Sampling Date:	01/10/2022
Reported:	01/18/2022	Sampling Type:	Soil
Project Name:	BRUNSON C LEASE CTB	Sampling Condition:	Cool & Intact
Project Number:	( 9/4/21 )	Sample Received By:	Celey D. Keene
Project Location:	JR OIL - NM		

**Sample ID: SP 12 @ 4' (H220167-02)**

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	01/17/2022	ND	1.98	99.2	2.00	2.71	
Toluene*	<0.050	0.050	01/17/2022	ND	1.96	98.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	01/17/2022	ND	2.00	100	2.00	5.84	
Total Xylenes*	<0.150	0.150	01/17/2022	ND	6.47	108	6.00	1.92	
Total BTEX	<0.300	0.300	01/17/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/17/2022	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	01/18/2022	ND	217	108	200	0.239	
DRO >C10-C28*	<10.0	10.0	01/18/2022	ND	224	112	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	01/18/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCS/D recovery and/or RPD values.
- 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



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

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

Company Name: BBC International, Inc. **BILL TO**  
 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: **JROI**  
 Project Name: BRUNSON C LEASE CTB (9/4/21)  
 Project Location: NEW MEXICO  
 Sampler Name: SIMON  
 P.O. #: Company: **JROI**  
 Attn: Address:  
 City: State: Zip:  
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
H220167	SP12 @ 3'										1/10/22	2:50pm	CC
	SP 12 @4'										1/10/22	3:05pm	BTEX
													TPH EXT

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Relinquished By: *[Signature]* Date: 1-14-22 Received By: *[Signature]* Date: 1-14-22  
 Relinquished By: *[Signature]* Time: 8:00 AM Received By: *[Signature]* Time: 1:15 PM  
 Delivered By: (Circle One) *[Signature]* -1.4°C  
 Sampler - UPS - Bus - Other *[Signature]* -1.9°C  
 Sample Condition:  Intact  Cool  
 Checked By: *[Signature]* (Initials) *[Signature]* Code # 113  
 Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_  
 REMARKS:

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**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 145281

**CONDITIONS**

Operator: J R OIL, LTD. CO. P.O. Box 52647 Tulsa, OK 74152	OGRID: 256073
	Action Number: 145281
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	9/23/2022