

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

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2126026738
District RP	
Facility ID	
Application ID	

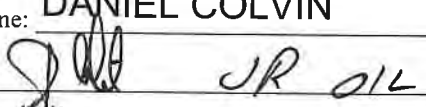
Closure

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: Jennifer Nobui 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

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
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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

Cliff

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

Thanks,
Jennifer Nobui

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

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

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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

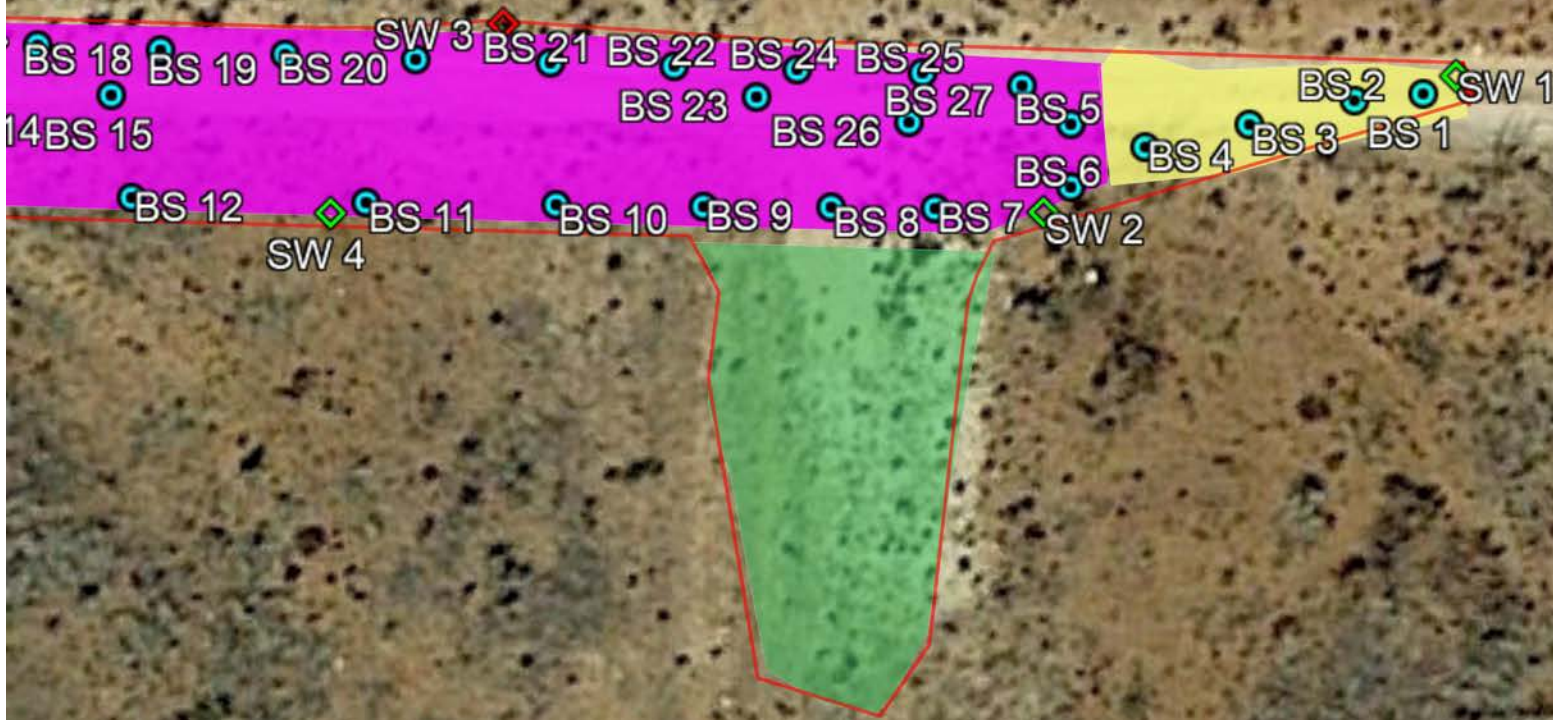


JR OIL- BRUNSON C LEASE

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



JR OIL- BRUNSON C LEASE

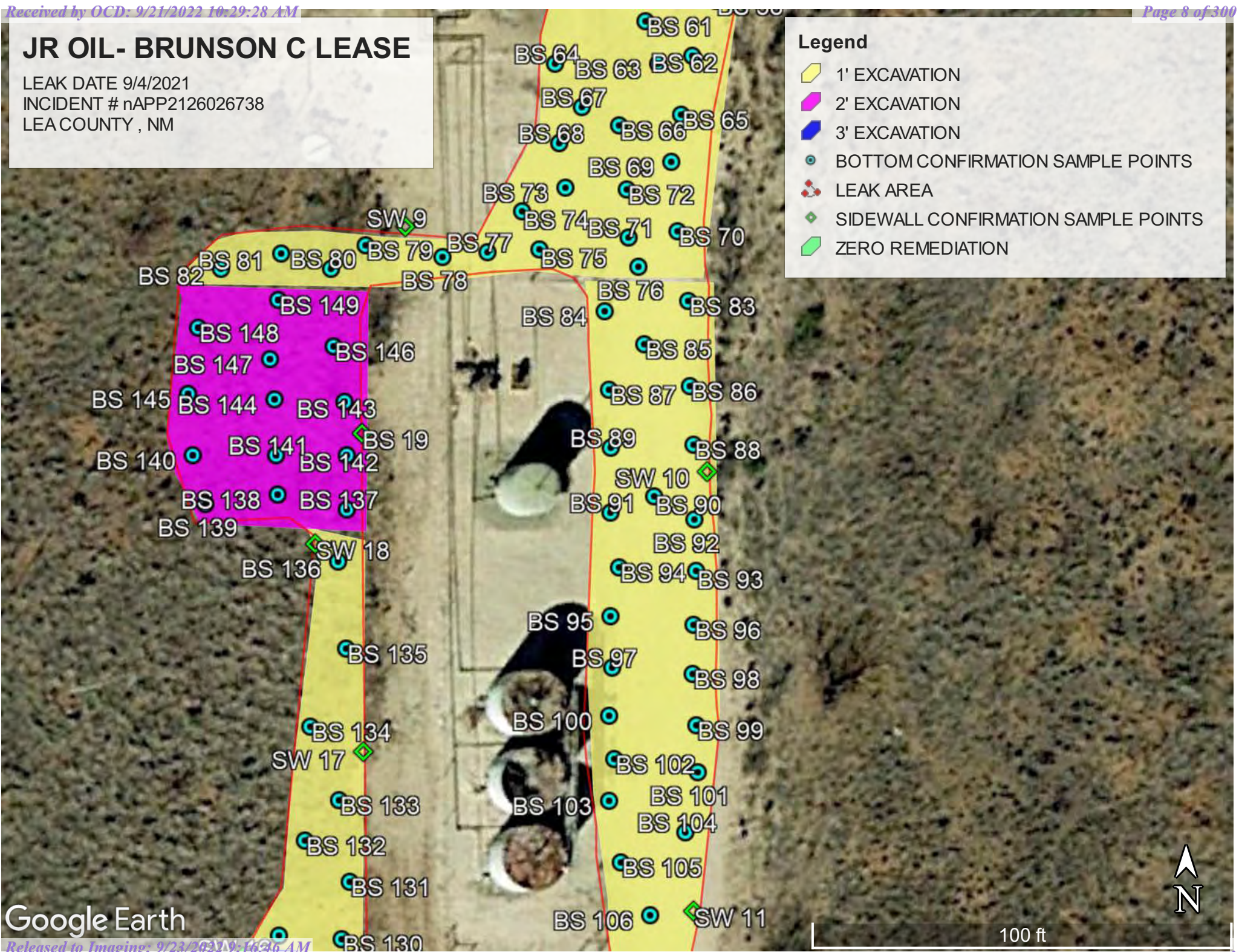
LEAK DATE 9/4/2021
INCIDENT # nAPP2126026738
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- 1' EXCAVATION
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- BOTTOM CONFIRMATION SAMPLE POINTS
- LEAK AREA
- SIDEWALL CONFIRMATION SAMPLE POINTS
- ZERO REMEDIATION



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

Released to Imaging: 9/23/2022 9:16:46 AM

[illegible][illegible][illegible]

	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
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<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
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
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
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
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
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
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
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

	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		16.0	<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		192	64.0	48.0
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		107	<10.0	N/A
EXT DRO	TPH 8015M		72.6	15.2	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		32.0	48.0	176
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		404	<10.0	N/A
EXT DRO	TPH 8015M		300	<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		112	544	256	176
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		61.9	<10.0	N/A	N/A
EXT DRO	TPH 8015M		55.0	<10.0	N/A	N/A

		Sample ID	SP4 @ Surface	SP4 @ 1'	SP4 @ 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		32.0	272	64.0
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		598	<10.0	N/A
EXT DRO	TPH 8015M		425	<10.0	N/A

		Sample ID	SP5 @ Surface	SP5 @ 1'	SP5 @ 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	<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		48.0	288	208
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		4740	260	15.0
EXT DRO	TPH 8015M		1630	85.9	<10.0

		Sample ID	SP6 @ Surface	SP6 @ 1'	SP6 @ 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		512	384	96.0
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		31.6	<10.0	N/A
EXT DRO	TPH 8015M		27.2	<10.0	N/A

		Sample ID	SP7 @ Surface	SP7 @ 1'	SP7 @ 2'	SP7 @ 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	<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		192	112	352	240
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		510	264	<10.0	<10.0
EXT DRO	TPH 8015M		310	74.6	<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

		Sample ID	SP12 @ Surface	SP12 @ 1'	SP12 @ 2'	SP12 @ 3'	SP12 @ 4'
Analyte	Method	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	SM4500Cl-B		48.0	32.0	16.0	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	114	311	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	173	259	<10.0	<10.0

		Sample ID	SP13 @ Surface	SP13 @ 1'	SP13 @ 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		48.0	16.0	32.0
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		616	<10.0	N/A
EXT DRO	TPH 8015M		329	<10.0	N/A

		Sample ID	SP14 @ Surface	SP14 @ 1'	SP14 @ 2'	SP14 @ 3'
Analyte	Method	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		64.0	160	352	32.0
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		59.6	<10.0	N/A	N/A
EXT DRO	TPH 8015M		21.2	<10.0	N/A	N/A

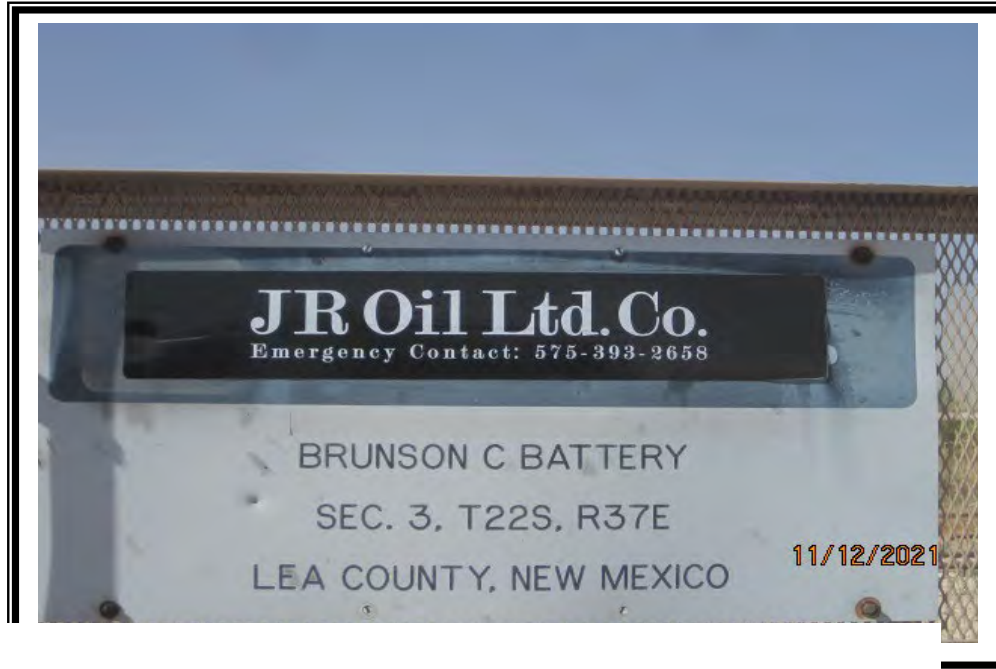
		Sample ID	SP15 @ Surface	SP15 @ 1'	SP15 @ 2'
Analyte	Method	Date	12/28/21	12/28/21	12/28/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500Cl-B		144	32.0	96.0
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		69.2	<10.0	N/A
EXT DRO	TPH 8015M		43.1	<10.0	N/A

		Sample ID	SP16 @ Surface	SP16 @ 1'	SP16 @ 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		48.0	16.0	32.0
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	152	<10.0
EXT DRO	TPH 8015M		<10.0	93.9	<10.0

		Sample ID	SP17 @ Surface	SP17 @ 1'	SP17 @ 2'	SP17 @ 3'
Analyte	Method	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		784	400	80.0	48.0
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		529	<10.0	N/A	N/A
EXT DRO	TPH 8015M		219	<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

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.

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, flowing 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:	08/01/2022
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

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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:	08/01/2022
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)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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



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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 56 @ 1' (H223479-03)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2022	ND	1.85	92.6	2.00	13.7	
Toluene*	0.051	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 BTX	<0.300	0.300	08/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 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 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)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<0.300	0.300	08/08/2022	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	
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.
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 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)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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Analytical Results For:

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 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)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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Analytical Results For:

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 Cliff Brunson
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 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)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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Analytical Results For:

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 Cliff Brunson
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 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)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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:

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 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)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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:

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 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, 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 97.2 % 43-149

Surrogate: 1-Chlorooctadecane 90.8 % 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:	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)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<0.300	0.300	08/08/2022	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	<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



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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 65 @ 1' (H223479-12)

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

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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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:	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)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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Analytical Results For:

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 Cliff Brunson
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 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)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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	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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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:	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)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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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)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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 90.1 % 43-149

Surrogate: 1-Chlorooctadecane 84.3 % 42.5-161

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Analytical Results For:

BBC International, Inc.
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 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)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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Analytical Results For:

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 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)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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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	
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	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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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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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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:	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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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Analytical Results For:

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 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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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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:	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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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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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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:	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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Analytical Results For:

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 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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Analytical Results For:

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 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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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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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Analytical Results For:

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 Cliff Brunson
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 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, 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	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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Analytical Results For:

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 Cliff Brunson
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 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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Analytical Results For:

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 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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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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, 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	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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Analytical Results For:

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 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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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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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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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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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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
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 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.
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 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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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:

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 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:

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 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.
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 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, 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	08/05/2022	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.
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 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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Analytical Results For:

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 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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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	
DRO >C10-C28*	20.4	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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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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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Analytical Results For:

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 Cliff Brunson
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 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, 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 71.2 % 43-149

Surrogate: 1-Chlorooctadecane 76.9 % 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:	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, 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 74.6 % 43-149

Surrogate: 1-Chlorooctadecane 81.7 % 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:	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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Analytical Results For:

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 Cliff Brunson
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 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, 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*	24.3	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
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 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	
DRO >C10-C28*	25.0	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 122 % 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:	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, 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*	23.5	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



PHONE (575) 393-2326 • 101 E. MARLAND • 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 115 @ 1' (H223479-62)

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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	
DRO >C10-C28*	25.7	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



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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 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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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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 Sample Name: SIMON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:											
Lab I.D.								Sample I.D.							
1023479 11 12 13 14 15 16 17 18 19 20								BOTTOM SAMPLE 64 @ 1' BOTTOM SAMPLE 65 @ 1' BOTTOM SAMPLE 66 @ 1' BOTTOM SAMPLE 67 @ 1' BOTTOM SAMPLE 68 @ 1' BOTTOM SAMPLE 69 @ 1' BOTTOM SAMPLE 70 @ 1' BOTTOM SAMPLE 71 @ 1' BOTTOM SAMPLE 72 @ 1' BOTTOM SAMPLE 73 @ 1'							
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :								DATE TIME 8/01/22 9:10AM 8/01/22 9:18AM 8/01/22 9:26AM 8/01/22 9:34AM 8/01/22 9:41AM 8/01/22 9:50AM 8/01/22 9:58AM 8/01/22 10:09AM 8/01/22 10:17AM 8/01/22 10:26AM							
Chloride BTEX TPH/EXT															

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Relinquished By: *[Signature]* **Date:** 8-3-22 **Received By:** *[Signature]* **Date:** 8-3-22

Relinquished By: *[Signature]* **Date:** 8-3-22 **Received By:** *[Signature]* **Date:** 8-3-22

Delivered By: (Circle One) *1-776-0-0-0-0* **Sample Condition:** ☒ Yes ☐ No **Cool:** ☒ Yes ☐ No **Intact:** ☒ Yes ☐ No

Sampler: UPS - Bus - Other: *2-30 #113* **Checked By:** *[Signature]* **Initials:** *[Signature]*

REMARKS:



ARDINAL LABORATORIES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

BILL TO

Company Name: BBC International, Inc.		P.O. #:
Project Manager: Cliff Brunson		Company: Oxy
Address: P.O. Box 805		Attn:
City: Hobbs	State: NM Zip: 88241	Address:
Phone #: 575-397-6388	Fax #: 575-397-0397	City:
Project Owner:		State: Zip:
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	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloro	BTEX	TPH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

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Relinquished By: *[Signature]* Date: 8-3-22 Time: 8:00 AM Received By: *[Signature]* Date: 8-3-22 Time: 10:00 AM

Relinquished By: *[Signature]* Date: 8-3-22 Time: 8:00 AM Received By: *[Signature]* Date: 8-3-22 Time: 10:00 AM

Delivered By: (Circle One) - 17°C - 0.6°C - 2.3°C - 3.0°C - 3.5°C - 4.0°C - 4.5°C - 5.0°C - 5.5°C - 6.0°C - 6.5°C - 7.0°C - 7.5°C - 8.0°C - 8.5°C - 9.0°C - 9.5°C - 10.0°C - 10.5°C - 11.0°C - 11.5°C - 12.0°C - 12.5°C - 13.0°C - 13.5°C - 14.0°C - 14.5°C - 15.0°C - 15.5°C - 16.0°C - 16.5°C - 17.0°C - 17.5°C - 18.0°C - 18.5°C - 19.0°C - 19.5°C - 20.0°C - 20.5°C - 21.0°C - 21.5°C - 22.0°C - 22.5°C - 23.0°C - 23.5°C - 24.0°C - 24.5°C - 25.0°C - 25.5°C - 26.0°C - 26.5°C - 27.0°C - 27.5°C - 28.0°C - 28.5°C - 29.0°C - 29.5°C - 30.0°C - 30.5°C - 31.0°C - 31.5°C - 32.0°C - 32.5°C - 33.0°C - 33.5°C - 34.0°C - 34.5°C - 35.0°C - 35.5°C - 36.0°C - 36.5°C - 37.0°C - 37.5°C - 38.0°C - 38.5°C - 39.0°C - 39.5°C - 40.0°C - 40.5°C - 41.0°C - 41.5°C - 42.0°C - 42.5°C - 43.0°C - 43.5°C - 44.0°C - 44.5°C - 45.0°C - 45.5°C - 46.0°C - 46.5°C - 47.0°C - 47.5°C - 48.0°C - 48.5°C - 49.0°C - 49.5°C - 50.0°C - 50.5°C - 51.0°C - 51.5°C - 52.0°C - 52.5°C - 53.0°C - 53.5°C - 54.0°C - 54.5°C - 55.0°C - 55.5°C - 56.0°C - 56.5°C - 57.0°C - 57.5°C - 58.0°C - 58.5°C - 59.0°C - 59.5°C - 60.0°C - 60.5°C - 61.0°C - 61.5°C - 62.0°C - 62.5°C - 63.0°C - 63.5°C - 64.0°C - 64.5°C - 65.0°C - 65.5°C - 66.0°C - 66.5°C - 67.0°C - 67.5°C - 68.0°C - 68.5°C - 69.0°C - 69.5°C - 70.0°C - 70.5°C - 71.0°C - 71.5°C - 72.0°C - 72.5°C - 73.0°C - 73.5°C - 74.0°C - 74.5°C - 75.0°C - 75.5°C - 76.0°C - 76.5°C - 77.0°C - 77.5°C - 78.0°C - 78.5°C - 79.0°C - 79.5°C - 80.0°C - 80.5°C - 81.0°C - 81.5°C - 82.0°C - 82.5°C - 83.0°C - 83.5°C - 84.0°C - 84.5°C - 85.0°C - 85.5°C - 86.0°C - 86.5°C - 87.0°C - 87.5°C - 88.0°C - 88.5°C - 89.0°C - 89.5°C - 90.0°C - 90.5°C - 91.0°C - 91.5°C - 92.0°C - 92.5°C - 93.0°C - 93.5°C - 94.0°C - 94.5°C - 95.0°C - 95.5°C - 96.0°C - 96.5°C - 97.0°C - 97.5°C - 98.0°C - 98.5°C - 99.0°C - 99.5°C - 100.0°C - 100.5°C - 101.0°C - 101.5°C - 102.0°C - 102.5°C - 103.0°C - 103.5°C - 104.0°C - 104.5°C - 105.0°C - 105.5°C - 106.0°C - 106.5°C - 107.0°C - 107.5°C - 108.0°C - 108.5°C - 109.0°C - 109.5°C - 110.0°C - 110.5°C - 111.0°C - 111.5°C - 112.0°C - 112.5°C - 113.0°C - 113.5°C - 114.0°C - 114.5°C - 115.0°C - 115.5°C - 116.0°C - 116.5°C - 117.0°C - 117.5°C - 118.0°C - 118.5°C - 119.0°C - 119.5°C - 120.0°C - 120.5°C - 121.0°C - 121.5°C - 122.0°C - 122.5°C - 123.0°C - 123.5°C - 124.0°C - 124.5°C - 125.0°C - 125.5°C - 126.0°C - 126.5°C - 127.0°C - 127.5°C - 128.0°C - 128.5°C - 129.0°C - 129.5°C - 130.0°C - 130.5°C - 131.0°C - 131.5°C - 132.0°C - 132.5°C - 133.0°C - 133.5°C - 134.0°C - 134.5°C - 135.0°C - 135.5°C - 136.0°C - 136.5°C - 137.0°C - 137.5°C - 138.0°C - 138.5°C - 139.0°C - 139.5°C - 140.0°C - 140.5°C - 141.0°C - 141.5°C - 142.0°C - 142.5°C - 143.0°C - 143.5°C - 144.0°C - 144.5°C - 145.0°C - 145.5°C - 146.0°C - 146.5°C - 147.0°C - 147.5°C - 148.0°C - 148.5°C - 149.0°C - 149.5°C - 150.0°C - 150.5°C - 151.0°C - 151.5°C - 152.0°C - 152.5°C - 153.0°C - 153.5°C - 154.0°C - 154.5°C - 155.0°C - 155.5°C - 156.0°C - 156.5°C - 157.0°C - 157.5°C - 158.0°C - 158.5°C - 159.0°C - 159.5°C - 160.0°C - 160.5°C - 161.0°C - 161.5°C - 162.0°C - 162.5°C - 163.0°C - 163.5°C - 164.0°C - 164.5°C - 165.0°C - 165.5°C - 166.0°C - 166.5°C - 167.0°C - 167.5°C - 168.0°C - 168.5°C - 169.0°C - 169.5°C - 170.0°C - 170.5°C - 171.0°C - 171.5°C - 172.0°C - 172.5°C - 173.0°C - 173.5°C - 174.0°C - 174.5°C - 175.0°C - 175.5°C - 176.0°C - 176.5°C - 177.0°C - 177.5°C - 178.0°C - 178.5°C - 179.0°C - 179.5°C - 180.0°C - 180.5°C - 181.0°C - 181.5°C - 182.0°C - 182.5°C - 183.0°C - 183.5°C - 184.0°C - 184.5°C - 185.0°C - 185.5°C - 186.0°C - 186.5°C - 187.0°C - 187.5°C - 188.0°C - 188.5°C - 189.0°C - 189.5°C - 190.0°C - 190.5°C - 191.0°C - 191.5°C - 192.0°C - 192.5°C - 193.0°C - 193.5°C - 194.0°C - 194.5°C - 195.0°C - 195.5°C - 196.0°C - 196.5°C - 197.0°C - 197.5°C - 198.0°C - 198.5°C - 199.0°C - 199.5°C - 200.0°C - 200.5°C - 201.0°C - 201.5°C - 202.0°C - 202.5°C - 203.0°C - 203.5°C - 204.0°C - 204.5°C - 205.0°C - 205.5°C - 206.0°C - 206.5°C - 207.0°C - 207.5°C - 208.0°C - 208.5°C - 209.0°C - 209.5°C - 210.0°C - 210.5°C - 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ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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: 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.

#333479

#31

#33

#34

#35

#36

#37

#38

#39

#40

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal. Incapacity of weather such claim is based upon any of the above stated releases or otherwise.

Relinquished By:

Date: 8-3-22

Time: 8:00 AM

Received By:

Date: 8-3-22

Time: 10:50

CHECKED BY: (Initials)

Sample Condition

Cool ☐ Intact ☐Yes ☐ No ☐Yes ☐ No ☐Yes ☐ No ☐Yes ☐ No ☐Yes ☐ No ☐Yes ☐ No ☐

Relinquished By:

Date: 8-3-22

Time: 8:00 AM

Received By:

Date: 8-3-22

Time: 10:50

CHECKED BY: (Initials)

Sample Condition

Cool ☐ Intact ☐Yes ☐ No ☐Yes ☐ No ☐Yes ☐ No ☐Yes ☐ No ☐Yes ☐ No ☐

Relinquished By:

Date: 8-3-22

Time: 8:00 AM

Received By:

Date: 8-3-22

Time: 10:50

CHECKED BY: (Initials)

Sample Condition

Cool ☐ Intact ☐Yes ☐ No ☐Yes ☐ No ☐Yes ☐ No ☐Yes ☐ No ☐Yes ☐ No ☐

Relinquished By:

Date: 8-3-22

Time: 8:00 AM

Received By:

Date: 8-3-22

Time: 10:50

CHECKED BY: (Initials)

Sample Condition

Cool ☐ Intact ☐Yes ☐ No ☐Yes ☐ No ☐Yes ☐ No ☐Yes ☐ No ☐Yes ☐ No ☐

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

Chloride
BTX
TPH EXT



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

BILL TO

ANALYSIS REQUEST

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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CARDINAL LABORATORIES
404 East Maryland Hobbs NM 88224

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

Sample Name: SIMON

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

State: NM Zip: 88241

Fax #: 575-397-0397

Project Owner:

Relinquished By: *[Signature]*

Relinquished Date: 8-3-22

Received By: *[Signature]*

Received Date: 8-3-22

Delivered By: (Circle One) *1.76* C.O.C.

Sampler - UPS - Bus - Other: *2-3-#113*

Sample Condition: ☒ Yes ☐ No

Intact: ☒ Yes ☐ No

Cool: ☒ Yes ☐ No

REMARKS:

Phone Result: ☐ Yes ☐ No

Add'l Phone #:

Fax Result: ☐ Yes ☐ No

Add'l Fax #:

Released to Imaging: 9/23/2022 9:16:46 AM

**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.

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

Sample Name: SIMON

FOR LAB USE ONLY

Lab I.D. Sample I.D.

 H203479
 141 BOTTOM SAMPLE 114 @ 1'
 143 BOTTOM SAMPLE 115 @ 1'
 143 BOTTOM SAMPLE 116 @ 1'
 144 BOTTOM SAMPLE 117 @ 1'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE TIME

8/01/22 4:00PM

8/01/22 4:10PM

8/01/22 4:18PM

8/01/22 4:25PM

 chloride
 BTEX
 TPX EXT

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising from this contract or for any claim arising from the use of the services provided by Cardinal shall be limited to the amount paid by the client for the services. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any theory, above stated, negligence or otherwise.

Relinquished By:

Date: 8-3-22 Received By:

Time: 8:00 AM Received By:

Relinquished By:

Date: 8-3-22 Received By:

Time: 1:50 PM Received By:

Delivered By: (Circle One)

-1.7% C.O.L.C.

Sample Condition

CHECKED BY:

Sampler - UPS - Bus - Other:

-2.3% #113

Cool Intact

Yes

No

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

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



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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	
DRO >C10-C28*	18.9	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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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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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Celey D. Keene, Lab Director/Quality Manager



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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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Celey D. Keene, Lab Director/Quality Manager



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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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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 119 % 43-149

Surrogate: 1-Chlorooctadecane 122 % 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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 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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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	08/05/2022	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:

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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 7 @ 2' (H223480-07)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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 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



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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 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



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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 10 @ 2' (H223480-10)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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	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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Analytical Results For:

BBC International, Inc.
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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 11 @ 2' (H223480-11)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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 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, 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 93.5 % 43-149

Surrogate: 1-Chlorooctadecane 95.4 % 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 13 @ 2' (H223480-13)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/08/2022	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 BTX	<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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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 14 @ 2' (H223480-14)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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 15 @ 2' (H223480-15)

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

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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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/09/2022	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 BTX	<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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Analytical Results For:

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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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PHONE (575) 393-2326 ° 101 E. MARLAND ° 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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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 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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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 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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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 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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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 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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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:	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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/09/2022	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 BTX	<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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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 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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Analytical Results For:

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 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 25 @ 2' (H223480-25)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° 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 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



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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 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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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 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:

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 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 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, 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*	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



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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 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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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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/09/2022	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 BTX	<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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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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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)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/09/2022	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 BTX	<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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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 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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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 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, 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 68.2 % 43-149

Surrogate: 1-Chlorooctadecane 71.6 % 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 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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Analytical Results For:

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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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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 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, 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 70.4 % 43-149

Surrogate: 1-Chlorooctadecane 71.6 % 42.5-161

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Analytical Results For:

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 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 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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Analytical Results For:

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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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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, 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	08/09/2022	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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Analytical Results For:

BBC International, Inc.
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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 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, 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	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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Analytical Results For:

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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, 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	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:

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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 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, 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	08/09/2022	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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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 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, 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	08/09/2022	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:

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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:

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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 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, 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	08/09/2022	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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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 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, 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	08/09/2022	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, 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	08/09/2022	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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Celey D. Keene, Lab Director/Quality Manager



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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, 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	08/09/2022	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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Celey D. Keene, Lab Director/Quality Manager



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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 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, 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	08/09/2022	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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A handwritten signature in black ink, appearing to read "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

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 Fax #: 575-397-0397										State: Zip:									
Project #:										Project Name: JR OIL - BRUNSON C LEASE (9/4/21)									
Project Location: New Mexico										Phone #:									
Sample Name: SIMON										Fax #:									
FOR LAB USE ONLY																			
Lab I.D. H003480																			
Sample I.D.																			
BOTTOM SAMPLE 1 @ 1'										(G)RAB OR (C)OMP.									
BOTTOM SAMPLE 2 @ 1'										# CONTAINERS									
BOTTOM SAMPLE 3 @ 1'										GROUNDWATER									
BOTTOM SAMPLE 4 @ 1'										WASTEWATER									
BOTTOM SAMPLE 5 @ 2'										SOIL									
BOTTOM SAMPLE 6 @ 2'										OIL									
BOTTOM SAMPLE 7 @ 2'										SLUDGE									
BOTTOM SAMPLE 8 @ 2'										OTHER:									
BOTTOM SAMPLE 9 @ 2'										ACID/BASE:									
BOTTOM SAMPLE 10 @ 2'										ICE / COOL									
										OTHER:									
DATE										TIME									
7/29/22										8:00AM									
7/29/22										8:12AM									
7/29/22										8:19AM									
7/29/22										8:25AM									
7/29/22										8:32AM									
7/29/22										8:41AM									
7/29/22										8:48AM									
7/29/22										8:57AM									
7/29/22										9:08AM									
7/29/22										9:15AM									
Chloride																			
BTEX																			
TPH EXI																			

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Relinquished By: <i>[Signature]</i>	Date: 8-3-22	Time: 8:00 AM	Received By: <i>[Signature]</i>	Date: 8-3-22	Time: 8:50 AM
Relinquished By: <i>[Signature]</i>	Date: 8-3-22	Time: 8:50 AM	Received By: <i>[Signature]</i>	Date: 8-3-22	Time: 8:50 AM
Delivered By: (Circle One) <i>[Signature]</i>	-1.7c	0.06c	Sample Condition	Checked By: <i>[Signature]</i>	
Sampler - UPS - Bus - Other: <i>[Signature]</i>	-3.3c	#113	Cool Intact	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:		BILL TO										ANALYSIS REQUEST									
Project Manager: Cliff Brunson		Company: Oxy																					
Address: P.O. Box 805		Attn:																					
City: Hobbs		Address:																					
Phone #: 575-397-6388		City:																					
Fax #: 575-397-0397		State:																					
Project #:		Zip:																					
Project Name: JR OIL - BRUNSON C LEASE (9/4/21)		Phone #:																					
Project Location: New Mexico		Fax #:																					
Sample Name: SIMON		DATE																					
FOR LAB USE ONLY		TIME																					
Lab I.D.		Sample I.D.																					
11		BOTTOM SAMPLE 11 @ 2'																					
12		BOTTOM SAMPLE 12 @ 2'																					
13		BOTTOM SAMPLE 13 @ 2'																					
14		BOTTOM SAMPLE 14 @ 2'																					
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17		BOTTOM SAMPLE 17 @ 2'																					



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST							
Project Manager: Cliff Brunson				P.O. #:											
Address: P.O. Box 805				Company: Oxy											
City: Hobbs				Attn:											
State: NM zip: 88241				Address:											
Phone #: 575-397-6388 Fax #: 575-397-0397				City:											
Project #:				State:				Zip:							
Project Name: JR OIL - BRUNSON C LEASE (9/4/21)				Phone #:											
Project Location: New Mexico				Fax #:											
Sample Name: SIMON															
<small>FOR LAB USE ONLY</small>															
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING			
								<input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER :		<input type="checkbox"/> ACID/BASE: <input checked="" type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER :					
Lab I.D.		Sample I.D.		DATE		TIME									
H023480		BOTTOM SAMPLE 21 @ 2'		7/29/22		10:58AM		✓		Chloride					
21		BOTTOM SAMPLE 22 @ 2'		7/29/22		11:12AM		✓		BTEX					
22		BOTTOM SAMPLE 23 @ 2'		7/29/22		11:20AM		✓		TPH/EXT					
23		BOTTOM SAMPLE 24 @ 2'		7/29/22		11:30AM		✓							
24		BOTTOM SAMPLE 25 @ 2'		7/29/22		11:41AM		✓							
25		BOTTOM SAMPLE 26 @ 2'		7/29/22		11:48AM		✓							
26		BOTTOM SAMPLE 27 @ 2'		7/29/22		11:58AM		✓							
27		BOTTOM SAMPLE 28 @ 1'		7/29/22		12:45PM		✓							
28		BOTTOM SAMPLE 29 @ 1'		7/29/22		12:56PM		✓							
29		BOTTOM SAMPLE 30 @ 1'		7/29/22		1:10PM		✓							
30															
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Relinquished By:				Date: 8-3-22				Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:			
Relinquished By:				Time: 8:00 AM				Received By:				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:			
Relinquished By:				Date: 8-3-22				Received By:				REMARKS:			
Relinquished By:				Time: 11:50				Received By:							
Delivered By: (Circle One) <i>Maelfarm</i>				Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact				CHECKED BY: (Initials) <i>SK</i>							
Sampler - UPS - Bus - Other: <i>-17°C C-O-16°C</i>				Sample Condition: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No											

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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 Fax #: 575-397-0397										State: Zip:									
Project #: Project Owner:										Phone #:									
Project Name: JR OIL - BRUNSON C LEASE (9/4/21)										Fax #:									
Project Location: New Mexico																			
Sampler Name: SIMON																			
FOR LAB USE ONLY																			
Lab I.D.										Sample I.D.									
31										BOTTOM SAMPLE 31 @ 1'									
32										BOTTOM SAMPLE 32 @ 1'									
33										BOTTOM SAMPLE 33 @ 1'									
34										BOTTOM SAMPLE 34 @ 1'									
35										BOTTOM SAMPLE 35 @ 1'									
36										BOTTOM SAMPLE 36 @ 1'									
37										BOTTOM SAMPLE 37 @ 1'									
38										BOTTOM SAMPLE 38 @ 1'									
39										BOTTOM SAMPLE 39 @ 1'									
40										BOTTOM SAMPLE 40 @ 1'									
										(G)RAB OR (C)OMP.									
										# CONTAINERS									
										GROUNDWATER									
										WASTEWATER									
										SOIL									
										OIL									
										SLUDGE									
										OTHER :									
										ACID/BASE:									
										ICE / COOL									
										OTHER :									
										DATE									
										TIME									
										Chloride									
										BTX									
										TPH EXT									

Relinquished By:		Date: 8-3-22	Received By:	Date: 8-3-22	Time: 8:00 AM	Signature: [Signature]
Relinquished By:		Date: 8-3-22	Received By:	Date: 8-3-22	Time: 10:00 AM	Signature: [Signature]
Delivered By: (Circle One) 1.7% C-O-C		Sample Condition		Cool Intact		CHECKED BY: [Signature]
Sampler - UPS - Bus - Other:		Yes No		Yes No		

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 State: NM Zip: 88241 Project #: Project Name: JR OIL - BRUNSON C LEASE (9/4/21) Project Location: New Mexico Sample Name: SIMON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
FOR LAB USE ONLY				BILL TO			
Lab I.D.				ANALYSIS REQUEST			
Sample I.D.				MATRIX			
(G)RAB OR (C)OMP.				PRESERV.			
# CONTAINERS				SAMPLING			
GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :				DATE TIME			
ACID/BASE: ICE / COOL OTHER :				Chloride BT EX TP NEXT			
BOTTOM SAMPLE 41 @ 1'				7/29/22 3:02PM			
BOTTOM SAMPLE 42 @ 1'				7/29/22 3:10PM			
BOTTOM SAMPLE 43 @ 1'				7/29/22 3:18PM			
BOTTOM SAMPLE 44 @ 1'				7/29/22 3:27PM			
BOTTOM SAMPLE 45 @ 1'				7/29/22 3:36PM			
BOTTOM SAMPLE 46 @ 1'				7/29/22 3:47PM			
BOTTOM SAMPLE 47 @ 1'				7/29/22 3:54PM			
BOTTOM SAMPLE 48 @ 1'				7/29/22 4:00PM			
BOTTOM SAMPLE 49 @ 1'				7/29/22 4:08PM			
BOTTOM SAMPLE 50 @ 1'				7/29/22 4:16PM			

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Relinquished By: <i>[Signature]</i> Date: 8-3-22 Received By: <i>[Signature]</i> Time: 8:00am		Relinquished By: <i>[Signature]</i> Date: 8-3-22 Received By: <i>[Signature]</i> Time: 10:50	
Delivered By: (Circle One) <i>Delivered</i> Sampler - UPS - Bus - Other:		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> CHECKED BY: <i>[Signature]</i> (Initials)	
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
REMARKS:			

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST			
Project Manager: Cliff Brunson				P.O. #:							
Address: P.O. Box 805				Company: Oxy							
City: Hobbs				Attn:							
State: NM Zip: 88241				Address:							
Phone #: 575-397-6388 Fax #: 575-397-0397				City:							
Project #:				State:				Zip:			
Project Name: JR OIL - BRUNSON C LEASE (9/4/21)				Phone #:							
Project Location: New Mexico				Fax #:							
Sampler Name: SIMON				MATRIX				PRESERV			
FOR LAB USE ONLY				SAMPLING							
Lab I.D.				Sample I.D.							
BOTTOM SAMPLE 51 @ 1'				(G)RAB OR (C)OMP.							
BOTTOM SAMPLE 52 @ 1'				# CONTAINERS							
BOTTOM SAMPLE 53 @ 1'				GROUNDWATER							
				WASTEWATER							
				SOIL							
				OIL							
				SLUDGE							
				OTHER :							
				ACID/BASE:							
				ICE / COOL							
				OTHER :							
				DATE							
				TIME							
				7/29/22							
				4:22PM							
				7/29/22							
				4:29PM							
				7/29/22							
				4:37PM							
				Chloride							
				BTEX							
				TPH EXT							

Page 61 of 61



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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



PHONE (575) 393-2326 ° 101 E. MARLAND ° 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 119 @ 3' (H223478-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2022	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 BTX	<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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2022	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 BTX	<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



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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 122 @ 3' (H223478-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2022	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 BTX	<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



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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 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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2022	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 BTX	<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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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, 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 105 % 43-149

Surrogate: 1-Chlorooctadecane 106 % 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 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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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:	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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2022	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 BTX	<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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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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2022	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 BTX	<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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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, 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 123 % 43-149

Surrogate: 1-Chlorooctadecane 125 % 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 131 @ 1' (H223478-14)

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



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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 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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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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2022	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 BTX	<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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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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 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, 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 91.9 % 43-149

Surrogate: 1-Chlorooctadecane 100 % 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:	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, SM4500CI-B		mg/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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Analytical Results For:

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 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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Analytical Results For:

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 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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Analytical Results For:

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 Cliff Brunson
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 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, SM4500CI-B		mg/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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 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, SM4500CI-B		mg/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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Analytical Results For:

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 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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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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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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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, 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 67.4 % 43-149

Surrogate: 1-Chlorooctadecane 76.2 % 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:	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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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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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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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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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)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2022	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 BTX	<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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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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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, SM4500CI-B		mg/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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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:	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)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2022	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 BTX	<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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Analytical Results For:

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 Cliff Brunson
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 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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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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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:

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 Cliff Brunson
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 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)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2022	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 BTX	<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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Analytical Results For:

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 Cliff Brunson
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 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)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2022	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 BTX	<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



PHONE (575) 393-2326 ° 101 E. MARLAND ° 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 10 (H223478-42)

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

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 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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Analytical Results For:

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 Cliff Brunson
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 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)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2022	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 BTX	<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

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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 15 (H223478-47)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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 70.8 % 43-149

Surrogate: 1-Chlorooctadecane 74.4 % 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:	08/02/2022
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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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:	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



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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 19 (H223478-51)

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



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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 20 (H223478-52)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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 LCSD 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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST										
Project Manager: Cliff Brunson		P.O. #:												
Address: P.O. Box 805		Company: Oxy												
City: Hobbs		Attn:												
State: NM Zip: 88241		Address:												
Phone #: 575-397-6388 Fax #: 575-397-0397		City:												
Project #:		State:												
Project Name: JR OIL - BRUNSON C LEASE (9/4/21)		Zip:												
Project Location: New Mexico		Phone #:												
Sampler Name: SIMON		Fax #:												
<small>FOR LAB USE ONLY</small>														
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV	SAMPLING						
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :		
1	BOTTOM SAMPLE 118 @ 1'	✓	1			✓							Chloride	
2	BOTTOM SAMPLE 119 @ 3'												BTX	
3	BOTTOM SAMPLE 120 @ 3'												TPH	
4	BOTTOM SAMPLE 121 @ 3'													
5	BOTTOM SAMPLE 122 @ 3'													
6	BOTTOM SAMPLE 123 @ 3'													
7	BOTTOM SAMPLE 124 @ 3'													
8	BOTTOM SAMPLE 125 @ 3'													
9	BOTTOM SAMPLE 126 @ 3'													
10	BOTTOM SAMPLE 127 @ 3'													
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and clients' exclusive remedy for any claim arising under this contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>														
Relinquished By:		Date: 8/3/22		Received By:		Phone Result:		Fax Result:		REMARKS:				
		Time: 10:50				<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No						
Relinquished By:		Date:		Received By:		Phone Result:		Fax Result:		REMARKS:				
		Time:				<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No						
Delivered By: (Circle One)		Sample Condition		CHECKED BY:										
Sampler - UPS - Bus - Other:		<input type="checkbox"/> Cool <input type="checkbox"/> Intact												
		<input type="checkbox"/> Yes <input type="checkbox"/> No												

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST										
Project Manager: Cliff Brunson		P.O. #:												
Address: P.O. Box 805		Company: Oxy												
City: Hobbs		Attn:												
State: NM Zip: 88241		Address:												
Phone #: 575-397-6388 Fax #: 575-397-0397		City:												
Project #:		State:												
Project Name: JR OIL - BRUNSON C LEASE (9/4/21)		Zip:												
Project Location: New Mexico		Phone #:												
Sample Name: SIMON		Fax #:												
FOR LAB USE ONLY														
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV	SAMPLING						
		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		
		ACID/BASE:		ICE / COOL		OTHER :		DATE	TIME					
11	BOTTOM SAMPLE 128 @ 3'							8/02/22	9:30AM	✓	✓	✓		
12	BOTTOM SAMPLE 129 @ 1'							8/02/22	9:41AM	✓	✓	✓		
13	BOTTOM SAMPLE 130 @ 1'							8/02/22	9:49AM	✓	✓	✓		
14	BOTTOM SAMPLE 131 @ 1'							8/02/22	9:58AM	✓	✓	✓		
15	BOTTOM SAMPLE 132 @ 1'							8/02/22	10:10AM	✓	✓	✓		
16	BOTTOM SAMPLE 133 @ 1'							8/02/22	10:20AM	✓	✓	✓		
17	BOTTOM SAMPLE 134 @ 1'							8/02/22	10:29AM	✓	✓	✓		
18	BOTTOM SAMPLE 135 @ 1'							8/02/22	10:38AM	✓	✓	✓		
19	BOTTOM SAMPLE 136 @ 1'							8/02/22	10:48AM	✓	✓	✓		
20	BOTTOM SAMPLE 137 @ 2'							8/02/22	10:58AM	✓	✓	✓		

Chloride
BTEX
TPN EXT

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Relinquished By: [Signature] **Date:** 8/3/22 **Time:** 1650 **Received By:** [Signature] **Date:** 8/3/22 **Time:** 1650

Delivered By: (Circle One) -172/C-O-U-2- **Sample Condition:** Cool ☒ Intact ☐ Yes ☐ No **Checked By:** [Signature] (Initials)

Sampler - UPS - Bus - Other: -232-#113 ☐ Yes ☐ No

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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 Sample Name: SIMON FOR LAB USE ONLY				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST			
Lab I.D.				Sample I.D.							
Relinquished By: <i>[Signature]</i> Date: 8/3/22 Time: 10:50 Received By: <i>[Signature]</i> Date: 8/3/22 Time:				Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Checked By: <i>[Signature]</i>				REMARKS:			
PLEASE NOTE: Liability and Damages. Cardholder's liability and client's exclusive remedy for any claim arising from this contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated theories or otherwise.				DATE TIME				Chloride BTEX TPH EXT			
Bottom Sample 138 @ 2'				8/02/22 11:12AM				<input checked="" type="checkbox"/>			
Bottom Sample 139 @ 2'				8/02/22 11:20AM				<input checked="" type="checkbox"/>			
Bottom Sample 140 @ 2'				8/02/22 11:29AM				<input checked="" type="checkbox"/>			
Bottom Sample 141 @ 2'				8/02/22 11:38AM				<input checked="" type="checkbox"/>			
Bottom Sample 142 @ 2'				8/02/22 11:50AM				<input checked="" type="checkbox"/>			
Bottom Sample 143 @ 2'				8/02/22 11:59AM				<input checked="" type="checkbox"/>			
Bottom Sample 144 @ 2'				8/02/22 12:11PM				<input checked="" type="checkbox"/>			
Bottom Sample 145 @ 2'				8/02/22 12:20PM				<input checked="" type="checkbox"/>			
Bottom Sample 146 @ 2'				8/02/22 12:28PM				<input checked="" type="checkbox"/>			
Bottom Sample 147 @ 2'				8/02/22 12:36PM				<input checked="" type="checkbox"/>			



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST			
Project Manager: Cliff Brunson				P.O. #:							
Address: P.O. Box 805				Company: Oxy							
City: Hobbs				Attn:							
State: NM Zip: 88241				Address:							
Phone #: 575-397-6388 Fax #: 575-397-0397				City:							
Project #:				State: 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		GROUNDWATER		WASTEWATER	
								SOIL		OIL	
								SLUDGE		OTHER :	
								ACID/BASE:		ICE / COOL	
								OTHER :			
Lab I.D.		Sample I.D.		DATE		TIME					
H023478		BOTTOM SAMPLE 148 @ 2'		8/02/22		12:45PM		✓		Chloride	
31		BOTTOM SAMPLE 149 @ 2'		8/02/22		12:55PM		✓		BTEX	
33		SIDEWALL 1		8/02/22		1:08PM		✓		TPH EXT	
34		SIDEWALL 2		8/02/22		1:19PM		✓			
35		SIDEWALL 3		8/02/22		1:27PM		✓			
36		SIDEWALL 4		8/02/22		1:36PM		✓			
37		SIDEWALL 5		8/02/22		1:45PM		✓			
38		SIDEWALL 6		8/02/22		1:54PM		✓			
39		SIDEWALL 7		8/02/22		2:04PM		✓			
40		SIDEWALL 8		8/02/22		2:10PM		✓			

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Relinquished By:	Date: 8/3/22	Received By:	Cardinal
Relinquished By:	Date: 8/3/22	Received By:	Stedinger
Delivered By: (Circle One) 172 (C-O, I, O)	Sample Condition	CHECKED BY:	
Sampler - UPS - Bus - Other:	Cool Intact	(Initials)	
	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		

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.		BILL TO		ANALYSIS REQUEST																																					
Project Manager: Cliff Brunson		P.O. #:																																							
Address: P.O. Box 805		Company: Oxy																																							
City: Hobbs		Attn:																																							
Phone #: 575-397-6388		Address:																																							
Fax #: 575-397-0397		City:																																							
Project #:		State: NM Zip: 88241																																							
Project Name: JR OIL - BRUNSON C LEASE (9/4/21)		Project Owner:																																							
Project Location: New Mexico		City:																																							
Sample Name: SIMON		State:																																							
FOR LAB USE ONLY		Phone #:																																							
		Fax #:																																							
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chloride BTX TPH EXT											
41		SIDEWALL 9		8/02/22		2:17PM		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓											
43		SIDEWALL 10		8/02/22		2:26PM		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓											
43		SIDEWALL 11		8/02/22		2:35PM		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓											
44		SIDEWALL 12		8/02/22		2:44PM		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓											
45		SIDEWALL 13		8/02/22		2:56PM		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓											
46		SIDEWALL 14		8/02/22		3:07PM		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓											
47		SIDEWALL 15		8/02/22		3:15PM		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓											
48		SIDEWALL 16		8/02/22		3:23PM		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓											
49		SIDEWALL 17		8/02/22		3:30PM		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓											
50		SIDEWALL 18		8/02/22		3:37PM		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓											
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Relinquished By:		Date: 8/3/22		Time: 10:50		Received By:		Stoddiguer		Phone Result:		Fax Result:		Add'l Phone #:		REMARKS:																									
Relinquished By:		Date:		Time:		Received By:				Sample Condition		Cool		Intact		CHECKED BY: (Initials)																									
Delivered By: (Circle One)		-172		C-O-L-E						Yes		No		Yes		No																									
Sampler - UPS - Bus - Other:		2-3c #113								Yes		No		Yes		No																									

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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.

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". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

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

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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
 Reported: 01/06/2022
 Project Name: BRUNSON C LEASE CTB
 Project Number: (9/4/21)
 Project Location: JR OIL -

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

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, 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	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

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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 WEST @ SURFACE (H213749-03)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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	
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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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
 Reported: 01/06/2022
 Project Name: BRUNSON C LEASE CTB
 Project Number: (9/4/21)
 Project Location: JR OIL -

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

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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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)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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
Chloride	192	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*	107	10.0	12/30/2021	ND	204	102	200	0.231	
EXT DRO >C28-C36	72.6	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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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 @ 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	
Chloride	48.0	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



PHONE (575) 393-2326 ° 101 E. MARLAND ° 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 @ SURFACE (H213749-08)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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	
Chloride	32.0	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*	404	10.0	12/30/2021	ND	204	102	200	0.231	
EXT DRO >C28-C36	300	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



PHONE (575) 393-2326 ° 101 E. MARLAND ° 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
 Reported: 01/06/2022
 Project Name: BRUNSON C LEASE CTB
 Project Number: (9/4/21)
 Project Location: JR OIL -

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP 2 @ 1' (H213749-09)

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



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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 @ 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	
Chloride	176	16.0	01/03/2022	ND	432	108	400	0.00		

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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 @ SURFACE (H213749-11)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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	
Chloride	112	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*	61.9	10.0	12/30/2021	ND	204	102	200	0.231	
EXT DRO >C28-C36	55.0	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



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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 @ 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, SM4500CI-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:

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 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, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	01/03/2022	ND	432	108	400	0.00		

Sample ID: SP 3 @ 3' (H213749-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	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 4 @ SURFACE (H213749-15)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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	
Chloride	32.0	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	01/03/2022	ND	191	95.6	200	1.56	
DRO >C10-C28*	598	10.0	01/03/2022	ND	204	102	200	0.231	
EXT DRO >C28-C36	425	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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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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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, SM4500Cl-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		

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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:	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, SM4500Cl-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				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	
DRO >C10-C28*	4740	10.0	01/03/2022	ND	204	102	200	0.231	
EXT DRO >C28-C36	1630	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



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Analytical Results For:

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Received: 12/29/2021
 Reported: 01/06/2022
 Project Name: BRUNSON C LEASE CTB
 Project Number: (9/4/21)
 Project Location: JR OIL -

Sampling Date: 12/27/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

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
Chloride	288	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	
DRO >C10-C28*	260	10.0	12/31/2021	ND	213	106	200	1.23	
EXT DRO >C28-C36	85.9	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, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	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	
DRO >C10-C28*	15.0	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 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	
Chloride	512	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*	31.6	10.0	12/30/2021	ND	213	106	200	1.23	
EXT DRO >C28-C36	27.2	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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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, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	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, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/03/2022	ND	432	108	400	3.77		

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Analytical Results For:

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 Cliff Brunson
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 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

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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	
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	12/30/2021	ND	200	99.8	200	0.999		
DRO >C10-C28*	264	10.0	12/30/2021	ND	213	106	200	1.23		
EXT DRO >C28-C36	74.6	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, SM4500Cl-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



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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 @ 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



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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:	12/27/2021
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)

BTX 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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	
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	12/30/2021	ND	200	99.8	200	0.999		
DRO >C10-C28*	88.9	10.0	12/30/2021	ND	213	106	200	1.23		
EXT DRO >C28-C36	61.8	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, 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	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	12.7	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



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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 8 @ 2' (H213749-30)

Chloride, SM4500Cl-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	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 9 @ SURFACE (H213749-31)

BTX 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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	256	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*	705	10.0	12/31/2021	ND	213	106	200	1.23		
EXT DRO >C28-C36	380	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



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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:	12/28/2021
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



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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 @ 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	
Chloride	208	16.0	01/03/2022	ND	432	108	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 10 @ SURFACE (H213749-34)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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	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	12/31/2021	ND	200	99.8	200	0.999	
DRO >C10-C28*	71.8	10.0	12/31/2021	ND	213	106	200	1.23	
EXT DRO >C28-C36	147	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	
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	12/31/2021	ND	200	99.8	200	0.999	
DRO >C10-C28*	62.9	10.0	12/31/2021	ND	213	106	200	1.23	
EXT DRO >C28-C36	130	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



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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 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, 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	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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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)

BTX 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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	
Chloride	800	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*	425	10.0	12/31/2021	ND	213	106	200	1.23		
EXT DRO >C28-C36	253	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, SM4500CI-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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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	
Chloride	48.0	16.0	01/03/2022	ND	432	108	400	3.77		

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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:	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)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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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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:	12/28/2021
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, 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	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*	114	10.0	12/31/2021	ND	213	106	200	1.23	
EXT DRO >C28-C36	173	10.0	12/31/2021	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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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
 Reported: 01/06/2022
 Project Name: BRUNSON C LEASE CTB
 Project Number: (9/4/21)
 Project Location: JR OIL -

Sampling Date: 12/28/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

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, 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	3.77		

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*	311	10.0	01/05/2022	ND	183	91.6	200	7.21	
EXT DRO >C28-C36	259	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



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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 13 @ SURFACE (H213749-43)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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
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	12/31/2021	ND	200	99.8	200	0.999	
DRO >C10-C28*	616	10.0	12/31/2021	ND	213	106	200	1.23	
EXT DRO >C28-C36	329	10.0	12/31/2021	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 128 % 59.5-142

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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 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, 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	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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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	
Chloride	32.0	16.0	01/03/2022	ND	416	104	400	3.77		

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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:	12/28/2021
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, SM4500Cl-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	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*	59.6	10.0	12/31/2021	ND	213	106	200	1.23	
EXT DRO >C28-C36	21.2	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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 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	
Chloride	352	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
Chloride	32.0	16.0	01/03/2022	ND	416	104	400	3.77	

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Analytical Results For:

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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)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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
Chloride	144	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*	69.2	10.0	12/31/2021	ND	213	106	200	1.23	
EXT DRO >C28-C36	43.1	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:

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Received: 12/29/2021
 Reported: 01/06/2022
 Project Name: BRUNSON C LEASE CTB
 Project Number: (9/4/21)
 Project Location: JR OIL -

Sampling Date: 12/28/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

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, 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	01/03/2022	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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Analytical Results For:

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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	
Chloride	96.0	16.0	01/03/2022	ND	416	104	400	3.77		

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Analytical Results For:

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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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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 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, 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	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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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 12/29/2021
 Reported: 01/06/2022
 Project Name: BRUNSON C LEASE CTB
 Project Number: (9/4/21)
 Project Location: JR OIL -

Sampling Date: 12/28/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

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, 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	01/05/2022	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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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 17 @ SURFACE (H213749-56)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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
Chloride	784	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*	529	10.0	01/03/2022	ND	222	111	200	4.27	
EXT DRO >C28-C36	219	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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Analytical Results For:

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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)

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

Cardinal Laboratories

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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, 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	416	104	400	3.77		

Sample ID: SP 17 @ 3' (H213749-59)

Chloride, SM4500Cl-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	

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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", is written over a horizontal line.

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

Company Name: BBC International, Inc.										BILL TO										ANALYSIS REQUEST									
Project Manager: Cliff Brunson										P.O. #:																			
Address: P.O. Box 805										Company:																			
City: Hobbs										Attn:																			
State: NM Zip: 88241										Address:																			
Phone #: 575-397-6388 Fax #: 575-397-0397										City:																			
Project #:										State:										Zip:									
Project Name: BRUNSON C LEASE CTB (9/4/21)										Phone #:																			
Project Location: NEW MEXICO										Fax #:																			
Sampler Name: SIMON										PRESERV:										SAMPLING									
FOR LAB USE ONLY										MATRIX																			
Lab I.D.										Sample I.D.																			
SP NORTH @ SURFACE										(G)RAB OR (C)OMP.																			
SP EAST @ SURFACE										# CONTAINERS																			
SP WEST @ SURFACE										GROUNDWATER																			
SP SOUTH @ SURFACE										WASTEWATER																			
SP 1 @ SURFACE										SOIL																			
SP 1 @ 1'										OIL																			
SP 1 @ 2'										SLUDGE																			
SP 2 @ SURFACE										OTHER :																			
SP 2 @ 1'										ACID/BASE:																			
SP 2 @ 2'										ICE / COOL																			
SP 2 @ 2'										OTHER :																			
DATE										TIME																			
12/27/21										8:25AM																			
12/27/21										8:40AM																			
12/27/21										8:54AM																			
12/27/21										9:15AM																			
12/27/21										9:30AM																			
12/27/21										9:42AM																			
12/27/21										9:55AM																			
12/27/21										10:12AM																			
12/27/21										10:37AM																			
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:** 4:15 **Temperature:** -4.6°C

Sampler - UPS - Bus - Other: *[Signature]* **Time:** 5:15 **Temperature:** -5.1°C

Sample Condition ☒ Yes ☐ No **Checked By:** *[Signature]* **Initials:** *[Signature]*

Cool / Contact ☒ Yes ☐ No **Col #:** 113

REMARKS:

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101 East Marland, Hobbs, NM 88240

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

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.										P.O. #:										BILL TO										ANALYSIS REQUEST									
Project Manager: Cliff Brunson										Company:										P.O. #:										Project Name: BRUNSON C LEASE CTB (9/4/21)									
Address: P.O. Box 805										Attn:										State: NM zip: 88241										Project Location: NEW MEXICO									
City: Hobbs										Address:										City:										Project #:									
Phone #: 575-397-6388										Fax #: 575-397-0397										State:										Project Name: BRUNSON C LEASE CTB (9/4/21)									
Project #:										City:										State:										Project Location: NEW MEXICO									
Project Name: BRUNSON C LEASE CTB (9/4/21)										Phone #:										Fax #:										Project #:									
Sampler Name: SIMON										PRESERV:										SAMPLING										Project #:									
FOR LAB USE ONLY										MATRIX										DATE										TIME									
Lab I.D.										Sample I.D.										(G)RAB OR (C)OMP.										# CONTAINERS									
H213749										SP 3 @ SURFACE										12/27/21										11:15AM									
11										SP 3 @ 1'										12/27/21										11:24AM									
12										SP 3 @ 2'										12/27/21										11:35AM									
13										SP 3 @ 3'										12/27/21										11:40AM									
14										SP 4 @ SURFACE										12/27/21										11:47AM									
15										SP 4 @ 1'										12/27/21										12:03PM									
16										SP 4 @ 2'										12/27/21										12:45PM									
17										SP 5 @ SURFACE										12/27/21										1:05PM									
18										SP 5 @ 1'										12/27/21										1:16PM									
19										SP 5 @ 2'										12/27/21										1:28PM									
20										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									
Delivered By: (Circle One)										Sample Condition										Checked By: (Initials)										Fax Result: Yes No									
Sampler - UPS - Bus - Other:										Cool Intact										Yes No										Add'l Phone #:									
-4.6°C										-4.6°C										-4.6°C										Add'l Phone #:									
5:10c										5:10c										5:10c										Add'l Phone #:									

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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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:			
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: Oxy				Phone #:			
Project Name: BRUNSON C LEASE CTB (9/4/21)				Fax #:			
Project Location: NEW MEXICO				PRESERV:			
Sampler Name: SIMON				SAMPLING			
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	DATE	TIME	
H213749	SP 12 @ 1'			GROUNDWATER	12/28/21	10:27AM	✓
41	SP 12 @ 2'			WASTEWATER	12/28/21	10:38AM	✓
42	SP 13 @ SURFACE			SOIL	12/28/21	11:00AM	✓
43	SP 13 @ 1'			OIL	12/28/21	11:12AM	✓
44	SP 13 @ 2'			SLUDGE	12/28/21	11:23AM	✓
45	SP 14 @ SURFACE			OTHER :	12/28/21	11:33AM	✓
46	SP 14 @ 1'			ACID/BASE:	12/28/21	11:45AM	✓
47	SP 14 @ 2'			ICE / COOL	12/28/21	11:55AM	✓
48	SP 14 @ 3'			OTHER :	12/28/21	12:08PM	✓
49	SP 15 @ SURFACE				12/28/21	12:50PM	✓
<p>PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising from this contract or not, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or from the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p>							
Relinquished By: [Signature]				Received By: [Signature]			
Date: 12-29-21				Date: 12-29-21			
Time: 8:00AM				Time: 8:45			
Relinquished By: [Signature]				Received By: [Signature]			
Date: 12-29-21				Date: 12-29-21			
Time: 8:45				Time: 8:45			
Delivered By: (Circle One)				Sample Condition			
Sampler - UPS - Bus - Other:				Cool <input type="checkbox"/> Intact <input type="checkbox"/>			
				Yes <input type="checkbox"/> No <input type="checkbox"/>			
				Checked By: [Signature]			
				Initials: [Signature]			
				Card # 113			
				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>			
				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>			
				Add'l Phone #: [Signature]			
				Add'l Fax #: [Signature]			
				REMARKS:			

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• CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.						P.O. #:						BILL TO						ANALYSIS REQUEST					
Project Manager: Cliff Brunson																							
Address: P.O. Box 805																							
City: Hobbs						State: NM Zip: 88241						Attn:											
Phone #: 575-397-6388						Fax #: 575-397-0397						Address:											
Project #:						Project Owner: Oxy						City:											
Project Name: BRUNSON C LEASE CTB (9/4/21)						State: Zip:																	
Project Location: NEW MEXICO						Phone #:																	
Sample Name: SIMON						Fax #:																	
FOR LAB USE ONLY						MATRIX						PRESERV						SAMPLING					
Lab I.D.						Sample I.D.						(G)RAB OR (C)OMP.						# CONTAINERS					
												GROUNDWATER											
												WASTEWATER											
												SOIL											
												OIL											
												SLUDGE											
												OTHER :											
												ACID/BASE:											
												ICE / COOL											
												OTHER :											
												DATE						TIME					
H213749						SP 15 @ 1'						12/28/21						1:04PM					
51						SP 15 @ 2'						12/28/21						1:16PM					
52						SP 16 @ SURFACE						12/28/21						1:30PM					
53						SP 16 @ 1'						12/28/21						1:41PM					
54						SP 16 @ 2'						12/28/21						1:53PM					
55						SP 17 @ SURFACE						12/28/21						2:08PM					
56						SP 17 @ 1'						12/28/21						2:20PM					
57						SP 17 @ 2'						12/28/21						2:32PM					
58						SP 17 @ 3'						12/28/21						2:43PM					
59																							
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Relinquished By: [Signature]												Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Fax #:											
Relinquished By: [Signature]												REMARKS:											
Delivered By: (Circle One) [Signature] -46 sc -51 sc												CHECKED BY: [Signature] (Initials) 6/1/13											
Sampler - UPS - Bus - Other:																							

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

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.

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 fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° 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)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° 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 @ 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, SM4500CI-B		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

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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District I
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District II
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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