

Closure Report

ID # nAPP2207260043

Site Description

Site Name:	NORTH HOBBS SAT #31
Company:	Oxy, Permian
Legal Description:	U/L J, Section 31, T18S, R38E
County:	Lea County, NM
GPS Coordinates:	N.32.70329 ,W-103.18385

Release Data

Date of Release:	3/10/2022
Type of Release:	Crude Oil /Produced water
Source of Release:	LINE STRIKE ON 6" FIBERGLASS LIQUID GATHERING LINE
Volume of Release:	CRUDE OIL 2.7 BBLS WATER 150 BBLS
Volume Recovered:	CRUDE OIL 0 BBLS WATER 95 BBLS

Remediation Specifications

Remediation Parameters:	RISK REMEDIATION - The site was excavated as depicted on the enclosed diagram according to the Table 1 Closure Criteria in 19.15.29.1 NMAC. OXY collected confirmation bottom and sidewall samples every 200 square feet.	
Remediation Activities:	3/11/22 - 4/13/22; 6/10/22 - 6/14/22	
Plan Sent to OCD:		
OCD Approval of Plan:		
Plan Sent to BLM:		
BLM Approval of Plan:		

Supporting Documentation

Initial C-141		
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 4/11/22	
Sampling Notification	4/17/2022 & 4/29/2022	

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

6/21/2022

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2207260043
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature: *Wade Dittrich* Date: 6-21-22
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: *Jennifer Nobui* Date: 07/06/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

From: [Nobui, Jennifer, EMNRD](#)
To: [Cliff Brunson](#); "[Wade Dittrich](#)"
Cc: [Hamlet, Robert, EMNRD](#); [Bratcher, Mike, EMNRD](#)
Subject: FW: [EXTERNAL] OXY - North Hobbs Satellite #31 - Sampling Notification
Date: Wednesday, April 27, 2022 11:43:08 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, April 27, 2022 11:22 AM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Subject: Fw: [EXTERNAL] OXY - North Hobbs Satellite #31 - Sampling Notification

From: Cliff Brunson <cbrunson@bbcinternational.com>
Sent: Tuesday, April 26, 2022 5:30 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: 'Wade Dittrich' <Wade_Dittrich@oxy.com>; 'Ken Swinney' <kswinney@bbcinternational.com>; 'Jennifer Gilkey' <jgilkey@bbcinternational.com>; 'Julia French' <julia@bbcinternational.com>
Subject: [EXTERNAL] OXY - North Hobbs Satellite #31 - Sampling Notification

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

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the North Hobbs Satellite #31 (Incident ID #nAPP2207260043) on Friday, April 29 at 8:00 a.m.

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

From: [Cliff Brunson](#)
To: ["Enviro. OCD, EMNRD"](#)
Cc: ["Wade Dittrich"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); ["Julia French"](#)
Subject: OXY - North Hobbs Satellite #31 - Sampling Notification
Date: Tuesday, April 26, 2022 5:30:00 PM

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Fax: (575) 397-0397
E-Mail: cbrunson@bbcinternational.com



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From: [Cliff Brunson](#)
To: ["Enviro, OCD, EMNRD"](#)
Cc: ["Wade Dittrich"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); ["Julia French"](#)
Subject: FW: OXY - N. Hobbs Satellite #31 - Sampling Notification
Date: Thursday, April 7, 2022 4:06:58 PM

This is a notification that BBC will need to reschedule the confirmation sampling on behalf of OXY at the North Hobbs Satellite #31 (Incident ID #nAPP2207260043) to Monday, April 11 at 9:00 a.m. instead of Friday, April 8 due to an emergency.

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From: Cliff Brunson <cbrunson@bbcinternational.com>
Sent: Tuesday, April 5, 2022 2:26 PM
To: 'Enviro, OCD, EMNRD' <OCD.Enviro@state.nm.us>
Cc: 'Wade Dittrich' <Wade_Dittrich@oxy.com>; 'Ken Swinney' <kswinney@bbcinternational.com>; 'Jennifer Gilkey' <jgilkey@bbcinternational.com>; 'Julia French' <julia@bbcinternational.com>
Subject: OXY - N. Hobbs Satellite #31 - Sampling Notification

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the North Hobbs Satellite #31 (Incident ID # nAPP2207260043) on Friday, April 8 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:

From: [Cliff Brunson](#)
To: ["Enviro. OCD, EMNRD"](#)
Cc: ["Wade Dittrich"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); ["Julia French"](#)
Subject: OXY - N. Hobbs Satellite #31 - Sampling Notification
Date: Tuesday, April 5, 2022 2:27:14 PM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the North Hobbs Satellite #31 (Incident ID # nAPP2207260043) on Friday, April 8 at 9:00 a.m.

Cliff P. Brunson, CEI, CRS
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World-Wide Environmental Specialists
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Hobbs, NM 88241-0805 USA
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Phone: (575) 397-6388
Fax: (575) 397-0397
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NHU SAT #31

LEAK DATE 3-10-22
ID#nAPP2207260043
LEA CO, NM

Legend

- 1' EXCAVATION
- LEAK AREA



Google Earth

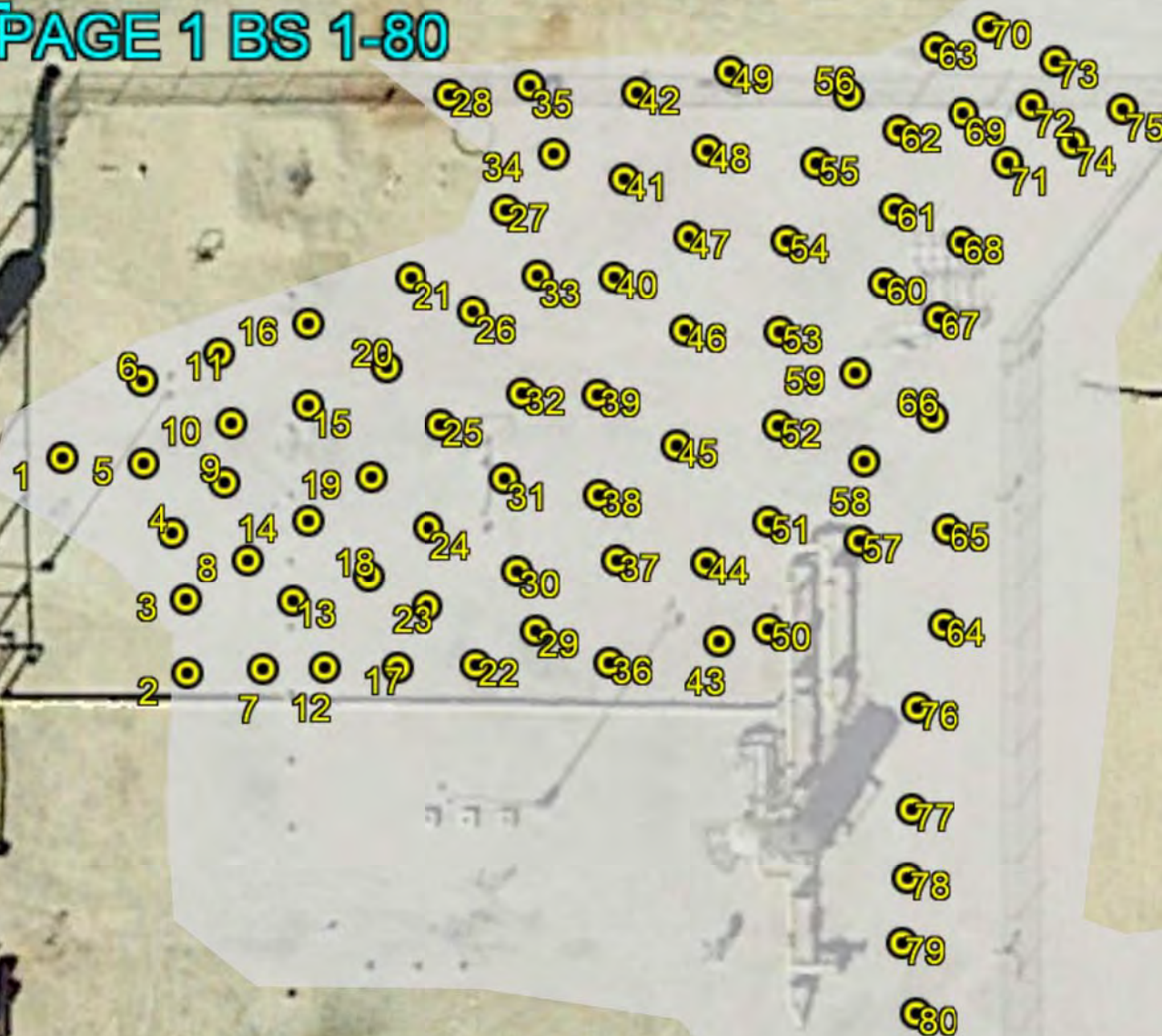
NHU SAT #31

LEAK DATE 3-10-22
ID#nAPP2207260043
LEA CO., NM

Legend

- 1' EXCAVATION
- BOTTOM CONFIRMATION SAMPLE POINT

PAGE 1 BS 1-80



NHU SAT #31

LEAK DATE 3-10-22
ID#nAPP2207260043
LEA CO ,NM

Legend

- 1' EXCAVATION
- BOTTOM A CONFIRMATION SAMPLE POINT
- BOTTOM CONFIRMATION SAMPLE POINT

PAGE 2 BS 81-160



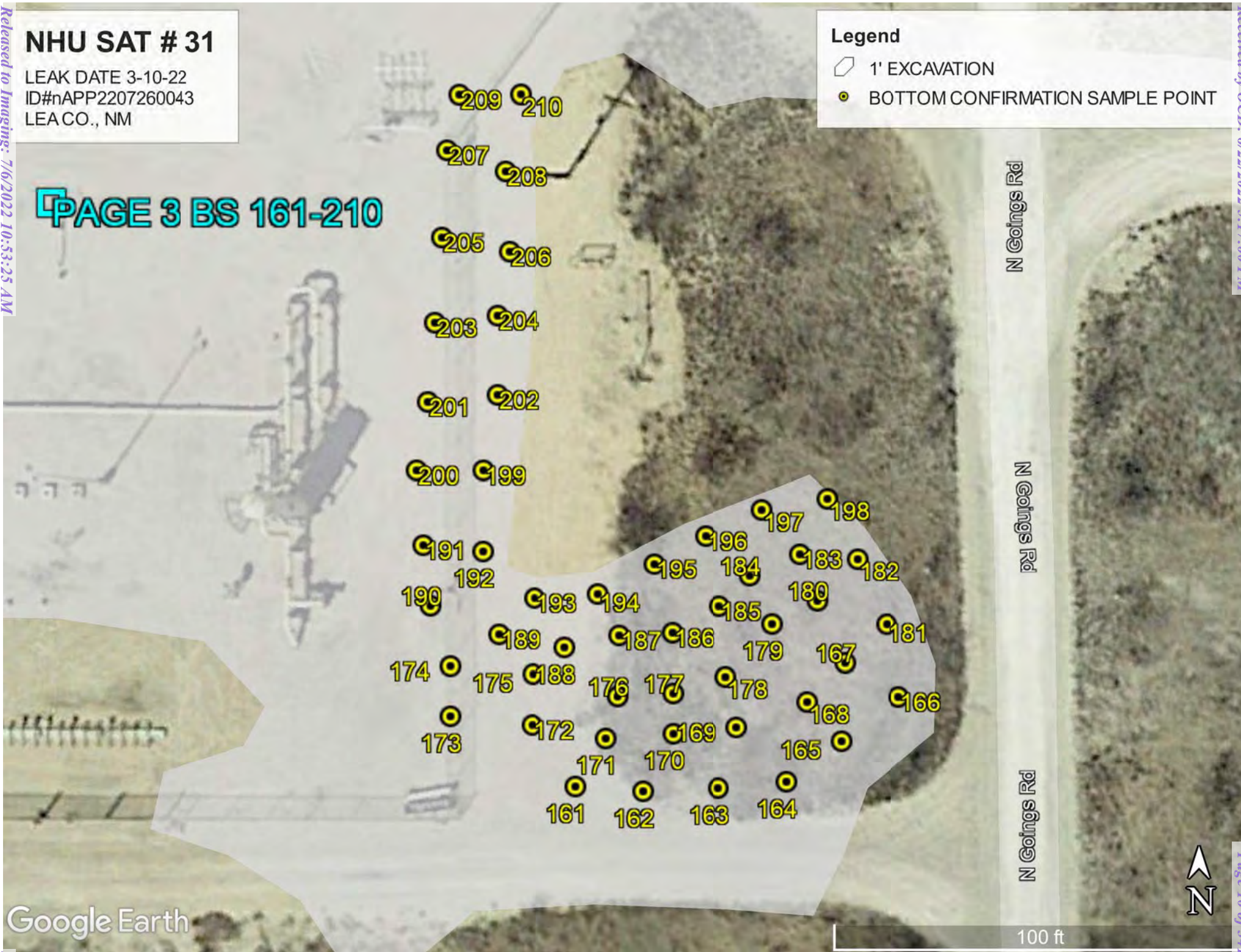
NHU SAT # 31

LEAK DATE 3-10-22
ID#nAPP2207260043
LEA CO., NM

PAGE 3 BS 161-210

Legend

- 1' EXCAVATION
- BOTTOM CONFIRMATION SAMPLE POINT



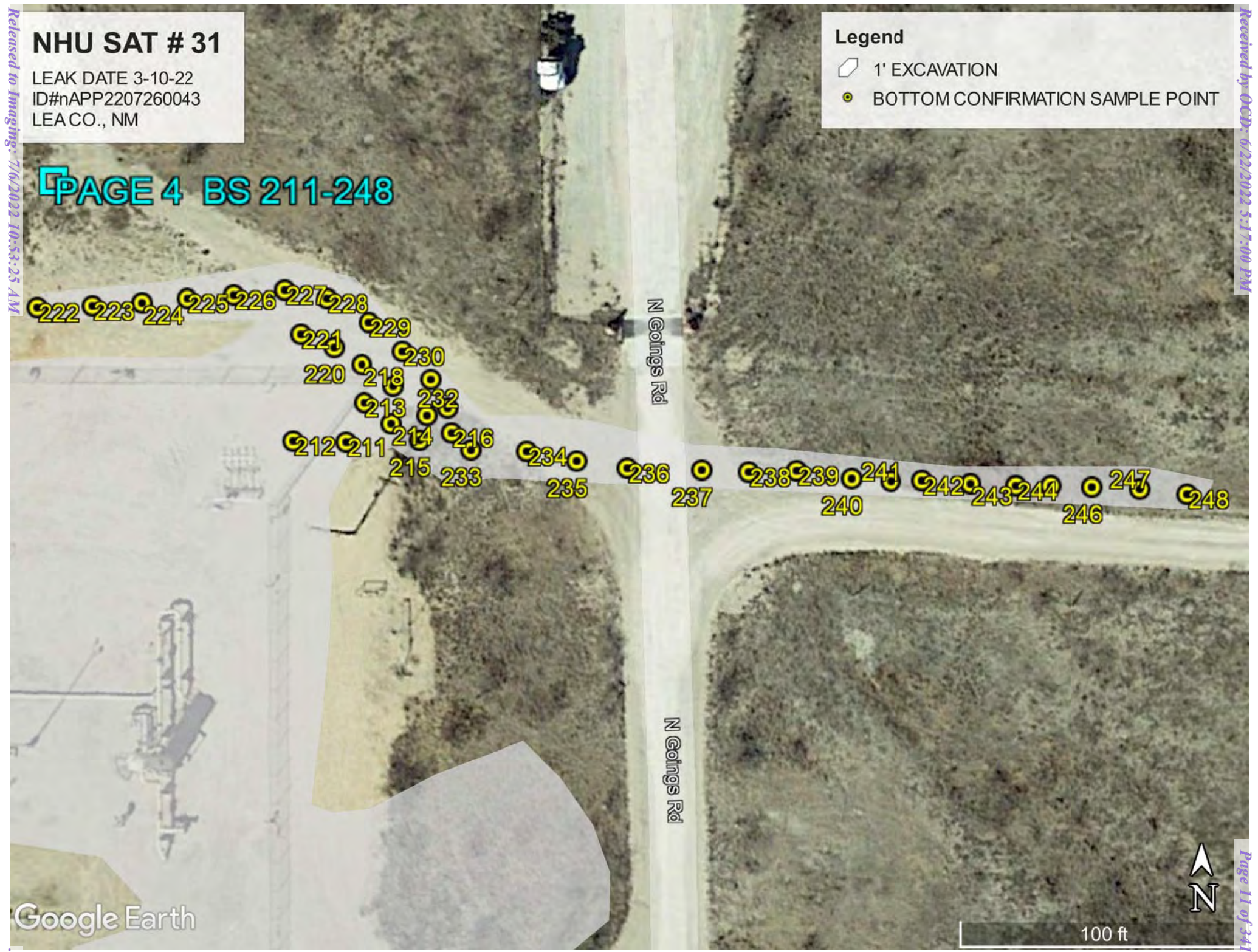
NHU SAT # 31

LEAK DATE 3-10-22
ID#nAPP2207260043
LEA CO., NM

Legend

- 1' EXCAVATION
- BOTTOM CONFIRMATION SAMPLE POINT

PAGE 4 BS 211-248



NHU SAT #31

LEAK DATE 3-10-22
ID#nAPP2207260043
LEA CO ,NM

Legend

- 1' EXCAVATION
- SIDEWALL A CONFIRMATION SAMPLE POINTS
- SIDEWALL CONFIRMATION SAMPLE POINTS

PAGE 5 SIDEWALL 1-10



Google Earth

NHU SAT #31 (3/10/22)

1 BS @ 1'	N32.703667	W-103.184182
2 BS @ 1'	N32.703560	W-103.184108
3 BS @ 1'	N32.703597	W-103.184109
4 BS @ 1'	N32.703630	W-103.184117
5 BS @ 1'	N32.703664	W-103.184134
6 BS @ 1'	N32.703705	W-103.184135
7 BS @ 1'	N32.703562	W-103.184064
8 BS @ 1'	N32.703616	W-103.184702
9 BS @ 1'	N32.703655	W-103.184086
10 BS @ 1'	N32.703684	W-103.184082
11 BS @ 1'	N32.703718	W-103.184089
12 BS @ 1'	N32.703563	W-103.184027
13 BS @ 1'	N32.703596	W-103.184046
14 BS @ 1'	N32.703636	W-103.184037
15 BS @ 1'	N32.703693	W-103.184037
16 BS @ 1'	N32.703733	W-103.184037
17 BS @ 1'	N32.703563	W-103.183985
18 BS @ 1'	N32.703608	W-103.184002
19 BS @ 1'	N32.703657	W-103.184000
20 BS @ 1'	N32.703712	W-103.183991
21 BS @ 1'	N32.703756	W-103.183977
22 BS @ 1'	N32.703564	W-103.183938
23 BS @ 1'	N32.703593	W-103.183967
24 BS @ 1'	N32.703632	W-103.183966
25 BS @ 1'	N32.703683	W-103.183959
26 BS @ 1'	N32.703739	W-103.183940
27 BS @ 1'	N32.703790	W-103.183921
28 BS @ 1'	N32.703846	W-103.183954
29 BS @ 1'	N32.703581	W-103.183903
30 BS @ 1'	N32.703611	W-103.183914
31 BS @ 1'	N32.703657	W-103.183921
32 BS @ 1'	N32.703699	W-103.183911
33 BS @ 1'	N32.703757	W-103.183902
34 BS @ 1'	N32.703817	W-103.183892
35 BS @ 1'	N32.703851	W-103.183907
36 BS @ 1'	N32.703565	W-103.183860
37 BS @ 1'	N32.703616	W-103.183856
38 BS @ 1'	N32.703649	W-103.183866
39 BS @ 1'	N32.703698	W-103.183867
40 BS @ 1'	N32.703756	W-103.183857
41 BS @ 1'	N32.703805	W-103.183851
42 BS @ 1'	N32.703847	W-103.183844
43 BS @ 1'	N32.703572	W-103.183816
44 BS @ 1'	N32.703615	W-103.183802

45 BS @ 1'	N32.703673	W-103.183821
46 BS @ 1'	N32.703730	W-103.183816
47 BS @ 1'	N32.703776	W-103.183813
48 BS @ 1'	N32.703819	W-103.183802
49 BS @ 1'	N32.703858	W-103.183788
50 BS @ 1'	N32.703582	W-103.183766
51 BS @ 1'	N32.703635	W-103.183766
52 BS @ 1'	N32.703683	W-103.183760
53 BS @ 1'	N32.703729	W-103.183759
54 BS @ 1'	N32.703774	W-103.183755
55 BS @ 1'	N32.703813	W-103.183738
56 BS @ 1'	N32.703846	W-103.183719
57 BS @ 1'	N32.703626	W-103.183713
58 BS @ 1'	N32.703665	W-103.183710
59 BS @ 1'	N32.703709	W-103.183715
60 BS @ 1'	N32.703753	W-103.183698
61 BS @ 1'	N32.703790	W-103.183692
62 BS @ 1'	N32.703829	W-103.183690
63 BS @ 1'	N32.703870	W-103.183668
64 BS @ 1'	N32.703584	W-103.183663
65 BS @ 1'	N32.703632	W-103.183661
66 BS @ 1'	N32.703687	W-103.183670
67 BS @ 1'	N32.703736	W-103.183666
68 BS @ 1'	N32.703774	W-103.183652
69 BS @ 1'	N32.703837	W-103.183651
70 BS @ 1'	N32.703880	W-103.183636
71 BS @ 1'	N32.703813	W-103.183625
72 BS @ 1'	N32.703841	W-103.183611
73 BS @ 1'	N32.703863	W-103.183597
74 BS @ 1'	N32.703823	W-103.183587
75 BS @ 1'	N32.703839	W-103.183558
76 BS @ 1'	N32.703543	W-103.183679
77 BS @ 1'	N32.703493	W-103.183682
78 BS @ 1'	N32.703458	W-103.183685
79 BS @ 1'	N32.703426	W-103.183688
80 BS @ 1'	N32.703392	W-103.183680
81 BS @ 1'	N32.703351	W-103.183680
82 BS @ 1'	N32.703316	W-103.183677
83 BS @ 1'	N32.703282	W-103.183660
84 BS @ 1'	N32.703270	W-103.183691
85 BS @ 1'	N32.703312	W-103.183717
86 BS @ 1'	N32.703367	W-103.183724
87 BS @ 1'	N32.703404	W-103.183733
88 BS @ 1'	N32.703441	W-103.183723
89 BS @ 1'	N32.703473	W-103.183715
90 BS @ 1'	N32.703512	W-103.183714
91 BS @ 1'	N32.703554	W-103.183723

92 BS @ 1'	N32.703586	W-103.183707
93 BS @ 1'	N32.703541	W-103.183776
94 BS @ 1'	N32.703508	W-103.183757
95 BS @ 1'	N32.703485	W-103.183764
96 BS @ 1'	N32.703454	W-103.183770
97 BS @ 1'	N32.703417	W-103.183774
98 BS @ 1'	N32.703383	W-103.183764
99 BS @ 1'	N32.703335	W-103.183712
100 BS @ 1'	N32.703312	W-103.183717
101 BS @ 1'	N32.703301	W-103.183749
102 BS @ 1'	N32.703362	W-103.183768
103 BS @ 1'	N32.703402	W-103.183808
104 BS @ 1'	N32.703439	W-103.183798
105 BS @ 1'	N32.703471	W-103.183802
106 BS @ 1'	N32.703502	W-103.183805
107 BS @ 1'	N32.703530	W-103.183809
108 BS @ 1'	N32.703534	W-103.183844
109 BS @ 1'	N32.703507	W-103.183850
110 BS @ 1'	N32.703481	W-103.183846
111 BS @ 1'	N32.703451	W-103.183843
112 BS @ 1'	N32.703413	W-103.183856
113 BS @ 1'	N32.703320	W-103.183774
114 BS @ 1'	N32.703306	W-103.183799
115 BS @ 1'	N32.703290	W-103.183842
116 BS @ 1'	N32.703423	W-103.183910
117 BS @ 1'	N32.703454	W-103.183885
118 BS @ 1'	N32.703476	W-103.183898
119 BS @ 1'	N32.703504	W-103.183895
120 BS @ 1'	N32.703532	W-103.183907
121 BS @ 1'	N32.703533	W-103.183967
122 BS @ 1'	N32.703502	W-103.183955
123 BS @ 1'	N32.703471	W-103.183984
124 BS @ 1'	N32.703444	W-103.183944
125 BS @ 1'	N32.703421	W-103.183992
126 BS @ 1'	N32.703417	W-103.184041
127 BS @ 1'	N32.703454	W-103.184029
128 BS @ 1'	N32.703497	W-103.184017
129 BS @ 1'	N32.703530	W-103.184017
130 BS @ 1'	N32.703530	W-103.184069
131 BS @ 1'	N32.703496	W-103.184065
132 BS @ 1'	N32.703450	W-103.184078
133 BS @ 1'	N32.703422	W-103.184089
134 BS @ 1'	N32.703479	W-103.184104
135 BS @ 1'	N32.703529	W-103.184116
136 BS @ 1'	N32.703266	W-103.183814
137 BS @ 1'	N32.703228	W-103.183730
138 BS @ 1'	N32.703213	W-103.183725

139 BS @ 1'	N32.703189	W-103.183687
140 BS @ 1'	N32.703207	W-103.183653
141 BS @ 1'	N32.703227	W-103.183610
142 BS @ 1'	N32.703225	W-103.183578
143 BS @ 1'	N32.703242	W-103.183542
144 BS @ 1'	N32.703224	W-103.183513
145 BS @ 1'	N32.703223	W-103.183462
146 BS @ 1'	N32.703223	W-103.183429
147 BS @ 1'	N32.703221	W-103.183378
148 BS @ 1'	N32.703254	W-103.183330
149 BS @ 1'	N32.703251	W-103.183378
150 BS @ 1'	N32.703253	W-103.183435
151 BS @ 1'	N32.703257	W-103.183499
152 BS @ 1'	N32.703265	W-103.183547
153 BS @ 1'	N32.703261	W-103.183632
154 BS @ 1'	N32.703238	W-103.183665
155 BS @ 1'	N32.703238	W-103.183730
156 BS @ 1'	N32.703273	W-103.183748
157 BS @ 1'	N32.703285	W-103.183785
158 BS @ 1'	N32.703287	W-103.183699
159 BS @ 1'	N32.703303	W-103.183633
160 BS @ 1'	N32.703297	W-103.183574
161 BS @ 1'	N32.703292	W-103.183526
162 BS @ 1'	N32.703289	W-103.183473
163 BS @ 1'	N32.703291	W-103.183413
164 BS @ 1'	N32.703295	W-103.183359
165 BS @ 1'	N32.703322	W-103.183316
166 BS @ 1'	N32.703352	W-103.183271
167 BS @ 1'	N32.703374	W-103.183313
168 BS @ 1'	N32.703348	W-103.183343
169 BS @ 1'	N32.703331	W-103.183399
170 BS @ 1'	N32.703327	W-103.183449
171 BS @ 1'	N32.703324	W-103.183502
172 BS @ 1'	N32.703333	W-103.183561
173 BS @ 1'	N32.703339	W-103.183625
174 BS @ 1'	N32.703372	W-103.183625
175 BS @ 1'	N32.703367	W-103.183560
176 BS @ 1'	N32.703352	W-103.183493
177 BS @ 1'	N32.703354	W-103.183449
178 BS @ 1'	N32.703365	W-103.183407
179 BS @ 1'	N32.703400	W-103.183371
180 BS @ 1'	N32.703415	W-103.183335
181 BS @ 1'	N32.703400	W-103.183280
182 BS @ 1'	N32.703443	W-103.183303
183 BS @ 1'	N32.703447	W-103.183349
184 BS @ 1'	N32.703432	W-103.183388
185 BS @ 1'	N32.703412	W-103.183413

186 BS @ 1'	N32.703394	W-103.183450
187 BS @ 1'	N32.703392	W-103.183492
188 BS @ 1'	N32.703384	W-103.183535
189 BS @ 1'	N32.703393	W-103.183587
190 BS @ 1'	N32.703412	W-103.183641
191 BS @ 1'	N32.703453	W-103.183646
192 BS @ 1'	N32.703448	W-103.183599
193 BS @ 1'	N32.703417	W-103.183559
194 BS @ 1'	N32.703420	W-103.183509
195 BS @ 1'	N32.703440	W-103.183464
196 BS @ 1'	N32.703459	W-103.183423
197 BS @ 1'	N32.703476	W-103.183379
198 BS @ 1'	N32.703483	W-103.183327
199 BS @ 1'	N32.703502	W-103.183599
200 BS @ 1'	N32.703502	W-103.183652
201 BS @ 1'	N32.703548	W-103.183643
202 BS @ 1'	N32.703552	W-103.183588
203 BS @ 1'	N32.703601	W-103.183637
204 BS @ 1'	N32.703605	W-103.183588
205 BS @ 1'	N32.703657	W-103.183632
206 BS @ 1'	N32.703647	W-103.183579
207 BS @ 1'	N32.703715	W-103.183628
208 BS @ 1'	N32.703701	W-103.183582
209 BS @ 1'	N32.703752	W-103.183618
210 BS @ 1'	N32.703752	W-103.183570
211 BS @ 1'	N32.703785	W-103.183541
212 BS @ 1'	N32.703786	W-103.183601
213 BS @ 1'	N32.703822	W-103.183520
214 BS @ 1'	N32.703802	W-103.183489
215 BS @ 1'	N32.703787	W-103.183457
216 BS @ 1'	N32.703794	W-103.183421
217 BS @ 1'	N32.703810	W-103.183449
218 BS @ 1'	N32.703838	W-103.183487
219 BS @ 1'	N32.703859	W-103.183523
220 BS @ 1'	N32.703875	W-103.183555
221 BS @ 1'	N32.703888	W-103.183592
222 BS @ 1'	N32.703913	W-103.183891
223 BS @ 1'	N32.703915	W-103.183829
224 BS @ 1'	N32.703918	W-103.183773
225 BS @ 1'	N32.703922	W-103.183721
226 BS @ 1'	N32.703925	W-103.183668
227 BS @ 1'	N32.703930	W-103.183611
228 BS @ 1'	N32.703922	W-103.183563
229 BS @ 1'	N32.703899	W-103.183515
230 BS @ 1'	N32.703872	W-103.183477
231 BS @ 1'	N32.703845	W-103.183445
232 BS @ 1'	N32.703817	W-103.183426

233 BS @ 1'	N32.703777	W-103.183399
234 BS @ 1'	N32.703776	W-103.183337
235 BS @ 1'	N32.703767	W-103.183279
236 BS @ 1'	N32.703760	W-103.183222
237 BS @ 1'	N32.703758	W-103.183138
238 BS @ 1'	N32.703756	W-103.183084
239 BS @ 1'	N32.703757	W-103.183030
240 BS @ 1'	N32.703750	W-103.182968
241 BS @ 1'	N32.703748	W-103.182923
242 BS @ 1'	N32.703748	W-103.182887
243 BS @ 1'	N32.703745	W-103.182833
244 BS @ 1'	N32.703743	W-103.182781
245 BS @ 1'	N32.703743	W-103.182742
246 BS @ 1'	N32.703742	W-103.182694
247 BS @ 1'	N32.703740	W-103.182640
248 BS @ 1'	N32.703735	W-103.182587
142ABS @2'	N32.703221	W103.1835181

SIDEWALL	1	N32.703669	W-103.184224
SIDEWALL	2	N32.703861	W-103.183897
SIDEWALL	3	N32.703955	W-103.183573
SIDEWALL	4	N32.703792	W-103.183149
SIDEWALL	5	N32.703730	W-103.182567
SIDEWALL	6	N32.703745	W-103.183148
SIDEWALL	7	N32.703733	W-103.183552
SIDEWALL	8	N32.703482	W-103.183403
SIDEWALL	9	N32.703190	W-103.183626
SIDEWALL	10	N32.703405	W-103.183951
SIDEWALL	2A	N32.703221	W103.183581
SIDEWALL	7A	N32.703699	W103.183547
SIDEWALL	8A	N32.703489	W103.183366

Laboratory Analytical Results Summary
NHU SAT #31
3/10/22

		Sample ID	BS 1 @ 1'	BS 2 @ 1'	BS 3 @ 1'	BS 4 @ 1'	BS 5 @ 1'	BS 6 @ 1'	BS 7 @ 1'	BS 8 @ 1'	BS 9 @ 1'	BS 10 @ 1'	BS 11 @ 1'	BS 12 @ 1'	BS 13 @ 1'	BS 14 @ 1'	BS 15 @ 1'
Analyte	Method	Date	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22
			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
Benzene	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	SM4500Cl-B		48.0	32.0	64.0	32.0	48.0	32.0	48.0	48.0	32.0	48.0	48.0	32.0	48.0	64.0	48.0
GRO	TPH 8015M		<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	TPH 8015M		<10.0	<10.0	11.7	<10.0	10.1	<10.0	<10.0	13.3	<10.0	<10.0	14.4	<10.0	15.8	14.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	10.4	<10.0	<10.0

[illegible][illegible]

		Sample ID	46 BS @ 1'	47 BS @ 1'	48 BS @ 1'	49 BS @ 1'	50 BS @ 1'	51 BS @ 1'	52 BS @ 1'	53 BS @ 1'	54 BS @ 1'	55 BS @ 1'	56 BS @ 1'	57 BS @ 1'	58 BS @ 1'	59 BS @ 1'	60 BS @ 1'
Analyte	Method	Date	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22	4/11/22
			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
Benzene	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	SM4500Cl-B		48.0	32.0	32.0	16.0	48.0	16.0	48.0	16.0	32.0	32.0	32.0	48.0	48.0	48.0	64.0
GRO	TPH 8015M		<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	TPH 8015M		<10.0	<10.0	<10.0	<10.0	13.4	<10.0	<10.0	<10.0	<10.0	13.9	13.4	14.6	13.3	11.6	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	16.9	<10.0	11.2	<10.0	<10.0	<10.0	<10.0	<10.0	10.3	<10.0	<10.0

		Sample ID	61 BS @ 1'	62 BS @ 1'	63 BS @ 1'	64 BS @ 1'	65 BS @ 1'	66 BS @ 1'	67 BS @ 1'	68 BS @ 1'	69 BS @ 1'	70 BS @ 1'	71 BS @ 1'	72 BS @ 1'	73 BS @ 1'	74 BS @ 1'	75 BS @ 1'
Analyte	Method	Date	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22
			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
Benzene	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	SM4500Cl-B		48.0	48.0	32.0	32.0	16.0	48.0	16.0	32.0	48.0	<16.0	64.0	64.0	64.0	64.0	64.0
GRO	TPH 8015M		<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	TPH 8015M		11.5	10.5	10.7	12.2	<10.0	12.3	<10.0	<10.0	<10.0	12.0	<10.0	<10.0	<10.0	<10.0	11.2
EXT DRO	TPH 8015M		<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	76 BS @ 1'	77 BS @ 1'	78 BS @ 1'	79 BS @ 1'	80 BS @ 1'	81 BS @ 1'	82 BS @ 1'	83 BS @ 1'	84 BS @ 1'	85 BS @ 1'	86 BS @ 1'	87 BS @ 1'	88 BS @ 1'	89 BS @ 1'	90 BS @ 1'
Analyte	Method	Date	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22
			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
Benzene	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	SM4500Cl-B		16.0	32.0	16.0	<16.0	32.0	32.0	48.0	48.0	16.0	32.0	32.0	48.0	32.0	32.0	32.0
GRO	TPH 8015M		<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	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	17.2	<10.0	17.1	12.6	21.0
EXT DRO	TPH 8015M		<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	91 BS @ 1'	92 BS @ 1'	93 BS @ 1'	94 BS @ 1'	95 BS @ 1'	96 BS @ 1'	97 BS @ 1'	98 BS @ 1'	99 BS @ 1'	100 BS @ 1'	101 BS @ 1'	102 BS @ 1'	103 BS @ 1'	104 BS @ 1'	105 BS @ 1'
Analyte	Method	Date	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22
			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
Benzene	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	SM4500Cl-B		32.0	32.0	32.0	32.0	48.0	32.0	32.0	32.0	32.0	32.0	16.0	32.0	16.0	32.0	32.0
GRO	TPH 8015M		<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	TPH 8015M		<10.0	23.8	<10.0	34.3	11.4	<10.0	12.5	<10.0	11.5	<10.0	<10.0	<10.0	<10.0	10.7	<10.0
EXT DRO	TPH 8015M		<10.0	11.4	<10.0	20.3	<10.0	10.8	16.0	10.3	15.0	10.7	<10.0	10.8	11.2	15.1	13.6

		Sample ID	106 BS @ 1'	107 BS @ 1'	108 BS @ 1'	109 BS @ 1'	110 BS @ 1'	111 BS @ 1'	112 BS @ 1'	113 BS @ 1'	114 BS @ 1'	115 BS @ 1'	116 BS @ 1'	117 BS @ 1'	118 BS @ 1'	119 BS @ 1'	120 BS @ 1'
Analyte	Method	Date	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22
			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
Benzene	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	SM4500Cl-B		48.0	32.0	16.0	32.0	32.0	16.0	32.0	32.0	16.0	16.0	<16.0	32.0	<16.0	16.0	32.0
GRO	TPH 8015M		<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	TPH 8015M		11.9	14.4	<10.0	<10.0	<10.0	10.1	<10.0	14.4	13.7	17.8	10.5	10.1	12.5	10.7	<10.0
EXT DRO	TPH 8015M		13.1	17.1	10.2	11.7	11.1	12.1	<10.0	19.0	20.3	20.8	12.3	11.3	14.2	13.7	10.1

		Sample ID	121 BS @ 1'	122 BS @ 1'	123 BS @ 1'	124 BS @ 1'	125 BS @ 1'	126 BS @ 1'	127 BS @ 1'	128 BS @ 1'	129 BS @ 1'	130 BS @ 1'	131 BS @ 1'	132 BS @ 1'	133 BS @ 1'	134 BS @ 1'	135 BS @ 1'
Analyte	Method	Date	4/12/22	4/12/22	4/12/22	4/12/22	4/12/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22
			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
Benzene	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	SM4500Cl-B		<16.0	<16.0	16.0	<16.0	32.0	16.0	48.0	32.0	64.0	32.0	<16.0	32.0	16.0	48.0	32.0
GRO	TPH 8015M		<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	TPH 8015M		12.1	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	10.2	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		21.7	12.6	<10.0	11.7	11.8	11.0	10.6	10.7	10.2	11.2	10.2	11.4	11.0	<10.0	<10.0

		Sample ID	136 BS @ 1'	137 BS @ 1'	138 BS @ 1'	139 BS @ 1'	140 BS @ 1'	141 BS @ 1'	142 BS @ 1'	142 A BS @ 2'	143 BS @ 1'	144 BS @ 1'	145 BS @ 1'	146 BS @ 1'	147 BS @ 1'	148 BS @ 1'	149 BS @ 1'	150 BS @ 1'
Analyte	Method	Date	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/29/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22
			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
Benzene	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	SM4500Cl-B		32.0	32.0	16.0	32.0	48.0	<16.0	<16.0	64.0	16.0	<16.0	32.0	48.0	48.0	32.0	64.0	64.0
GRO	TPH 8015M		<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	TPH 8015M		<10.0	<10.0	<10.0	<10.0	18.2	<10.0	49.6	<10.0	45.9	32.5	10.2	13.0	13.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	52.7	<10.0	44.4	51.2	11.8	14.6	14.6	<10.0	<10.0	<10.0

		Sample ID	151 BS @ 1'	152 BS @ 1'	153 BS @ 1'	154 BS @ 1'	155 BS @ 1'	156 BS @ 1'	157 BS @ 1'	158 BS @ 1'	159 BS @ 1'	160 BS @ 1'	161 BS @ 1'	162 BS @ 1'	163 BS @ 1'	164 BS @ 1'	165 BS @ 1'
Analyte	Method	Date	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22
			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
Benzene	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	SM4500Cl-B		32.0	48.0	32.0	48.0	32.0	32.0	16.0	32.0	48.0	48.0	32.0	16.0	<16.0	32.0	32.0
GRO	TPH 8015M		<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	TPH 8015M		<10.0	<10.0	<10.0	<10.0	10.2	<10.0	<10.0	<10.0	16.0	<10.0	<10.0	<10.0	<10.0	11.7	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	11.8	<10.0	<10.0	<10.0	16.5	<10.0	<10.0	<10.0	<10.0	11.9	<10.0

		Sample ID	166 BS @ 1'	167 BS @ 1'	168 BS @ 1'	169 BS @ 1'	170 BS @ 1'	171 BS @ 1'	172 BS @ 1'	173 BS @ 1'	174 BS @ 1'	175 BS @ 1'	176 BS @ 1'	177 BS @ 1'	178 BS @ 1'	179 BS @ 1'	180 BS @ 1'
Analyte	Method	Date	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22
			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
Benzene	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	SM4500Cl-B		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	48.0	16.0	<16.0	<16.0	<16.0	16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		<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	TPH 8015M		<10.0	<10.0	<10.0	12.8	10.6	13.9	10.3	11.9	<10.0	<10.0	<10.0	<10.0	<10.0	11.7	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	10.0	28.3	14.6	14.8	14.6	17.7	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	13.8
		Sample ID	181 BS @ 1'	182 BS @ 1'	183 BS @ 1'	184 BS @ 1'	185 BS @ 1'	186 BS @ 1'	187 BS @ 1'	188 BS @ 1'	189 BS @ 1'	190 BS @ 1'	191 BS @ 1'	192 BS @ 1'	193 BS @ 1'	194 BS @ 1'	195 BS @ 1'
Analyte	Method	Date	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22	4/13/22
			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
Benzene	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	SM4500Cl-B		32.0	32.0	<16.0	<16.0	<16.0	16.0	<16.0	32.0	16.0	32.0	32.0	<16.0	<16.0	16.0	16.0
GRO	TPH 8015M		<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	TPH 8015M		<10.0	34.9	31.5	31.7	19.6	17.6	<10.0	10.6	15.7	13.6	<10.0	10.4	11.8	<10.0	10.8
EXT DRO	TPH 8015M		<10.0	25.3	20.4	24.8	13.5	10.8	12.2	12.7	18.3	17.2	<10.0	12.5	14.1	<10.0	11.0

		Sample ID	196 BS @ 1'	197 BS @ 1'	198 BS @ 1'	199 BS @ 1'	200 BS @ 1'	201 BS @ 1'	202 BS @ 1'	203 BS @ 1'	204 BS @ 1'	205 BS @ 1'	206 BS @ 1'	207 BS @ 1'	208 BS @ 1'	209 BS @ 1'	210 BS @ 1'
Analyte	Method	Date	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22
			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
Benzene	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	SM4500Cl-B		<16.0	32.0	<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	TPH 8015M		<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	TPH 8015M		11.7	11.0	22.7	25.4	19.4	17.1	21.7	12.6	14.5	16.0	15.2	14.6	<10.0	20.6	18.4
EXT DRO	TPH 8015M		14.4	14.2	31.6	36.7	28.3	26.4	28.9	18.2	21.4	20.5	23.2	19.7	<10.0	25.7	19.3

		Sample ID	211 BS @ 1'	212 BS @ 1'	213 BS @ 1'	214 BS @ 1'	215 BS @ 1'	216 BS @ 1'	217 BS @ 1'	218 BS @ 1'	219 BS @ 1'	220 BS @ 1'	221 BS @ 1'	222 BS @ 1'	223 BS @ 1'	224 BS @ 1'	225 BS @ 1'
Analyte	Method	Date	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22
			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
Benzene	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	SM4500Cl-B		<16.0	<16.0	48.0	16.0	<16.0	<16.0	32.0	<16.0	<16.0	<16.0	32.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		<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	TPH 8015M		10.2	<10.0	10.4	10.6	11.2	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		11.1	12.7	11.7	11.2	12.8	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	226 BS @ 1'	227 BS @ 1'	228 BS @ 1'	229 BS @ 1'	230 BS @ 1'	231 BS @ 1'	232 BS @ 1'	233 BS @ 1'	234 BS @ 1'	235 BS @ 1'	236 BS @ 1'	237 BS @ 1'	238 BS @ 1'	239 BS @ 1'	240 BS @ 1'
Analyte	Method	Date	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22
			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
Benzene	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	SM4500Cl-B		<16.0	<16.0	16.0	48.0	48.0	32.0	48.0	48.0	32.0	48.0	32.0	80.0	64.0	64.0	48.0
GRO	TPH 8015M		<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	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	12.5	<10.0	<10.0	12.7
EXT DRO	TPH 8015M		<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

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		Sample ID	241 BS @ 1'	242 BS @ 1'	243 BS @ 1'	244 BS @ 1'	245 BS @ 1'	246 BS @ 1'	247 BS @ 1'	248 BS @ 1'
Analyte	Method	Date	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		80.0	80.0	64.0	80.0	64.0	80.0	48.0	80.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	10.5	11.3	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	SIDEWALL 1	SIDEWALL 2	SIDEWALL 3	SIDEWALL 4	SIDEWALL 5	SIDEWALL 6	SIDEWALL 7	SIDEWALL 8	SIDEWALL 9	SIDEWALL 10	SIDEWALL 2 A	SIDEWALL 7 A	SIDEWALL 8 A
Analyte	Method	Date	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/14/22	4/29/22	4/29/22	4/29/22
			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
Benzene	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	SM4500Cl-B		16.0	32.0	80.0	80.0	64.0	80.0	16.0	16.0	<16.0	<16.0	32	64	48
GRO	TPH 8015M		<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	TPH 8015M		<10.0	59.5	11.0	<10.0	14.3	<10.0	60.9	59.8	24.6	23.5	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		10.8	58.9	<10.0	<10.0	<10.0	<10.0	73.0	62.3	35.3	26.7	<10.0	<10.0	<10.0



NORTH HOBBS SAT # 31 (3-10-22)





NORTH HOBBS SAT # 31 (3-10-22)





NORTH HOBBS SAT # 31 (3-10-22)





NORTH HOBBS SAT # 31 (3-10-22)





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NORTH HOBBS SAT # 31 (3-10-22)





NORTH HOBBS SAT # 31 (3-10-22)





NORTH HOBBS SAT # 31 (3-10-22)





NORTH HOBBS SAT # 31 (3-10-22)





NORTH HOBBS SAT # 31 (3-10-22)





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

April 22, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NHU SAT #31

Enclosed are the results of analyses for samples received by the laboratory on 04/18/22 16:50.

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".

Celey D. Keene

Lab Director/Quality Manager



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

April 25, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NHU SAT #31

Enclosed are the results of analyses for samples received by the laboratory on 04/18/22 16:50.

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 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:	04/18/2022	Sampling Date:	04/12/2022
Reported:	04/25/2022	Sampling Type:	Soil
Project Name:	NHU SAT #31	Sampling Condition:	Cool & Intact
Project Number:	3/10/22	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY, NM		

Sample ID: 91 BS @ 1' (H221593-01)

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	04/20/2022	ND	2.09	105	2.00	1.83	
Toluene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.66	
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.02	101	2.00	1.97	
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.28	105	6.00	1.77	
Total BTEX	<0.300	0.300	04/20/2022	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	32.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	204	102	200	5.24	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 90.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.2 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 92 BS @ 1' (H221593-02)

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	04/20/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.28	105	6.00	1.77		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	204	102	200	5.24	
DRO >C10-C28*	23.8	10.0	04/21/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	11.4	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 93 BS @ 1' (H221593-03)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.28	105	6.00	1.77		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	204	102	200	5.24	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 82.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 94 BS @ 1' (H221593-04)

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	04/20/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.28	105	6.00	1.77		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	204	102	200	5.24	
DRO >C10-C28*	34.3	10.0	04/21/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	20.3	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 116 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 95 BS @ 1' (H221593-05)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.28	105	6.00	1.77		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	11.4	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.2 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 96 BS @ 1' (H221593-06)

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	04/21/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/21/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.28	105	6.00	1.77		
Total BTEx	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	10.8	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 79.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.3 % 59.5-142

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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 97 BS @ 1' (H221593-07)

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	04/21/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/21/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.28	105	6.00	1.77		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	12.5	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	16.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 98 BS @ 1' (H221593-08)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/21/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.28	105	6.00	1.77		
Total BTEX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	10.3	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.2 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 99 BS @ 1' (H221593-09)

BTEx 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.89	94.3	2.00	9.98		
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12		
Total BTEX	<0.300	0.300	04/21/2022	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	32.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51		
DRO >C10-C28*	11.5	10.0	04/21/2022	ND	216	108	200	3.55		
EXT DRO >C28-C36	15.0	10.0	04/21/2022	ND						

Surrogate: 1-Chlorooctane 82.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.0 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 100 BS @ 1' (H221593-10)

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	04/21/2022	ND	1.89	94.3	2.00	9.98	
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	10.7	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 85.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.5 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 101 BS @ 1' (H221593-11)

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	04/21/2022	ND	1.89	94.3	2.00	9.98	
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 75.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.8 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 102 BS @ 1' (H221593-12)

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	04/21/2022	ND	1.89	94.3	2.00	9.98	
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	10.8	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 87.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.0 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 103 BS @ 1' (H221593-13)

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	04/21/2022	ND	1.89	94.3	2.00	9.98	
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12	
Total BTX	<0.300	0.300	04/21/2022	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	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	11.2	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.0 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 104 BS @ 1' (H221593-14)

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	04/21/2022	ND	1.89	94.3	2.00	9.98	
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	10.7	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	15.1	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 81.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 105 BS @ 1' (H221593-15)

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	04/21/2022	ND	1.89	94.3	2.00	9.98	
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	13.6	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 86.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.2 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 106 BS @ 1' (H221593-16)

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	04/21/2022	ND	1.89	94.3	2.00	9.98		
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12		
Total BTX	<0.300	0.300	04/21/2022	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	48.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	11.9	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	13.1	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 107 BS @ 1' (H221593-17)

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	04/21/2022	ND	1.89	94.3	2.00	9.98	
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	14.4	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	17.1	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.7 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 108 BS @ 1' (H221593-18)

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	04/21/2022	ND	1.89	94.3	2.00	9.98	
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12	
Total BTX	<0.300	0.300	04/21/2022	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	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	10.2	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 75.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.9 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 109 BS @ 1' (H221593-19)

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	04/21/2022	ND	1.89	94.3	2.00	9.98	
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	11.7	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.5 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 110 BS @ 1' (H221593-20)

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	04/21/2022	ND	1.89	94.3	2.00	9.98	
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	11.1	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 78.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 111 BS @ 1' (H221593-21)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2022	ND	1.89	94.3	2.00	9.98	
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	10.1	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	12.1	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 80.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 112 BS @ 1' (H221593-22)

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	04/21/2022	ND	1.89	94.3	2.00	9.98	
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 113 BS @ 1' (H221593-23)

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	04/21/2022	ND	1.89	94.3	2.00	9.98	
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	14.4	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	19.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 84.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 114 BS @ 1' (H221593-24)

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	04/21/2022	ND	1.89	94.3	2.00	9.98	
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.5	200	3.51	
DRO >C10-C28*	13.7	10.0	04/21/2022	ND	216	108	200	3.55	
EXT DRO >C28-C36	20.3	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 82.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.7 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 115 BS @ 1' (H221593-25)

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	04/21/2022	ND	1.89	94.3	2.00	9.98	
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/20/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	17.8	10.0	04/20/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	20.8	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 116 BS @ 1' (H221593-26)

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	04/21/2022	ND	1.89	94.3	2.00	9.98		
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12		
Total BTX	<0.300	0.300	04/21/2022	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	04/20/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	10.5	10.0	04/20/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	12.3	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 89.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.4 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 117 BS @ 1' (H221593-27)

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	04/21/2022	ND	1.89	94.3	2.00	9.98		
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	10.1	10.0	04/20/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	11.3	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.2 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 118 BS @ 1' (H221593-28)

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	04/21/2022	ND	1.89	94.3	2.00	9.98	
Toluene*	<0.050	0.050	04/21/2022	ND	1.88	93.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.80	89.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.9	6.00	9.12	
Total BTX	<0.300	0.300	04/21/2022	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	04/20/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	12.5	10.0	04/20/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	14.2	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 95.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.1 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 119 BS @ 1' (H221593-29)

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	04/21/2022	ND	2.09	105	2.00	0.382	
Toluene*	<0.050	0.050	04/21/2022	ND	2.17	109	2.00	2.67	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.14	107	2.00	1.71	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.37	106	6.00	2.21	
Total BTEx	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/20/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	10.7	10.0	04/20/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	13.7	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.5 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 120 BS @ 1' (H221593-30)

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	04/21/2022	ND	2.09	105	2.00	0.382	
Toluene*	<0.050	0.050	04/21/2022	ND	2.17	109	2.00	2.67	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.14	107	2.00	1.71	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.37	106	6.00	2.21	
Total BTEx	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	10.1	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 87.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.8 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 121 BS @ 1' (H221593-31)

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	04/21/2022	ND	2.09	105	2.00	0.382	
Toluene*	<0.050	0.050	04/21/2022	ND	2.17	109	2.00	2.67	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.14	107	2.00	1.71	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.37	106	6.00	2.21	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/20/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	12.1	10.0	04/21/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	21.7	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 122 BS @ 1' (H221593-32)

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	04/21/2022	ND	2.09	105	2.00	0.382	
Toluene*	<0.050	0.050	04/21/2022	ND	2.17	109	2.00	2.67	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.14	107	2.00	1.71	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.37	106	6.00	2.21	
Total BTEx	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/20/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	12.6	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.8 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 123 BS @ 1' (H221593-33)

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	04/21/2022	ND	2.09	105	2.00	0.382	
Toluene*	<0.050	0.050	04/21/2022	ND	2.17	109	2.00	2.67	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.14	107	2.00	1.71	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.37	106	6.00	2.21	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/20/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 72.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 72.7 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 124 BS @ 1' (H221593-34)

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	04/22/2022	ND	2.09	105	2.00	0.382		
Toluene*	<0.050	0.050	04/22/2022	ND	2.17	109	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	1.71		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.37	106	6.00	2.21		
Total BTEx	<0.300	0.300	04/22/2022	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	04/20/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	11.7	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 90.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.0 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 125 BS @ 1' (H221593-35)

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	04/22/2022	ND	2.09	105	2.00	0.382		
Toluene*	<0.050	0.050	04/22/2022	ND	2.17	109	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	1.71		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.37	106	6.00	2.21		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	11.8	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.6 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 126 BS @ 1' (H221593-36)

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	04/22/2022	ND	2.09	105	2.00	0.382		
Toluene*	<0.050	0.050	04/22/2022	ND	2.17	109	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	1.71		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.37	106	6.00	2.21		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/20/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	11.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.4 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 127 BS @ 1' (H221593-37)

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	04/22/2022	ND	2.09	105	2.00	0.382		
Toluene*	<0.050	0.050	04/22/2022	ND	2.17	109	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	1.71		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.37	106	6.00	2.21		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	10.6	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 89.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 128 BS @ 1' (H221593-38)

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	04/22/2022	ND	2.09	105	2.00	0.382		
Toluene*	<0.050	0.050	04/22/2022	ND	2.17	109	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	1.71		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.37	106	6.00	2.21		
Total BTEx	<0.300	0.300	04/22/2022	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	32.0	16.0	04/20/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	10.7	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 94.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 129 BS @ 1' (H221593-39)

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	04/22/2022	ND	2.09	105	2.00	0.382		
Toluene*	<0.050	0.050	04/22/2022	ND	2.17	109	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	1.71		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.37	106	6.00	2.21		
Total BTEx	<0.300	0.300	04/22/2022	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	64.0	16.0	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	10.2	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 130 BS @ 1' (H221593-40)

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	04/22/2022	ND	2.09	105	2.00	0.382	
Toluene*	<0.050	0.050	04/22/2022	ND	2.17	109	2.00	2.67	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	1.71	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.37	106	6.00	2.21	
Total BTEx	<0.300	0.300	04/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	11.2	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 88.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 131 BS @ 1' (H221593-41)

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	04/22/2022	ND	2.09	105	2.00	0.382		
Toluene*	<0.050	0.050	04/22/2022	ND	2.17	109	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	1.71		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.37	106	6.00	2.21		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/20/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	10.2	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 93.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.2 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 132 BS @ 1' (H221593-42)

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	04/22/2022	ND	2.09	105	2.00	0.382	
Toluene*	<0.050	0.050	04/22/2022	ND	2.17	109	2.00	2.67	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	1.71	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.37	106	6.00	2.21	
Total BTEx	<0.300	0.300	04/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	10.2	10.0	04/21/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	11.4	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.1 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 133 BS @ 1' (H221593-43)

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	04/22/2022	ND	2.09	105	2.00	0.382		
Toluene*	<0.050	0.050	04/22/2022	ND	2.17	109	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	1.71		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.37	106	6.00	2.21		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	11.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.4 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 134 BS @ 1' (H221593-44)

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	04/22/2022	ND	2.09	105	2.00	0.382		
Toluene*	<0.050	0.050	04/22/2022	ND	2.17	109	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	1.71		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.37	106	6.00	2.21		
Total BTEx	<0.300	0.300	04/22/2022	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	48.0	16.0	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	191	95.6	200	0.633	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	189	94.4	200	11.2	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 75.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 75.4 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 135 BS @ 1' (H221593-45)

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	04/22/2022	ND	2.09	105	2.00	0.382		
Toluene*	<0.050	0.050	04/22/2022	ND	2.17	109	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	1.71		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.37	106	6.00	2.21		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	208	104	200	3.11	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	186	93.1	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 75.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 75.1 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 136 BS @ 1' (H221593-46)

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	04/22/2022	ND	2.09	105	2.00	0.382		
Toluene*	<0.050	0.050	04/22/2022	ND	2.17	109	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	1.71		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.37	106	6.00	2.21		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	208	104	200	3.11	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	186	93.1	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 137 BS @ 1' (H221593-47)

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	04/22/2022	ND	2.09	105	2.00	0.382		
Toluene*	<0.050	0.050	04/22/2022	ND	2.17	109	2.00	2.67		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	1.71		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.37	106	6.00	2.21		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	208	104	200	3.11	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	186	93.1	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.9 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 138 BS @ 1' (H221593-48)

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	04/22/2022	ND	2.09	105	2.00	0.382	
Toluene*	<0.050	0.050	04/22/2022	ND	2.17	109	2.00	2.67	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.14	107	2.00	1.71	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.37	106	6.00	2.21	
Total BTEx	<0.300	0.300	04/22/2022	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	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	208	104	200	3.11	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	186	93.1	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 78.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 139 BS @ 1' (H221593-49)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	1.35		
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115		
Total BTX	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	208	104	200	3.11	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	186	93.1	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 76.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.3 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 140 BS @ 1' (H221593-50)

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	04/22/2022	ND	2.04	102	2.00	1.35	
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115	
Total BTEx	<0.300	0.300	04/22/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	230	115	200	6.98	
DRO >C10-C28*	18.2	10.0	04/22/2022	ND	205	102	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.1 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 141 BS @ 1' (H221593-51)

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	04/22/2022	ND	2.04	102	2.00	1.35		
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	230	115	200	6.98	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	205	102	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 142 BS @ 1' (H221593-52)

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	04/22/2022	ND	2.04	102	2.00	1.35		
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115		
Total BTX	<0.300	0.300	04/22/2022	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	04/20/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	230	115	200	6.98	
DRO >C10-C28*	49.6	10.0	04/22/2022	ND	205	102	200	10.2	
EXT DRO >C28-C36	52.7	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 96.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.4 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 143 BS @ 1' (H221593-53)

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	04/22/2022	ND	2.04	102	2.00	1.35		
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	230	115	200	6.98	
DRO >C10-C28*	45.9	10.0	04/22/2022	ND	205	102	200	10.2	
EXT DRO >C28-C36	44.4	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 144 BS @ 1' (H221593-54)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	1.35		
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/20/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	203	101	200	1.46	
DRO >C10-C28*	32.5	10.0	04/21/2022	ND	203	102	200	4.63	
EXT DRO >C28-C36	51.2	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 145 BS @ 1' (H221593-55)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	1.35		
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115		
Total BTX	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	203	101	200	1.46	
DRO >C10-C28*	13.0	10.0	04/21/2022	ND	203	102	200	4.63	
EXT DRO >C28-C36	18.6	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 86.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 146 BS @ 1' (H221593-56)

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	04/22/2022	ND	2.04	102	2.00	1.35		
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	203	101	200	1.46	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	203	102	200	4.63	
EXT DRO >C28-C36	13.4	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 147 BS @ 1' (H221593-57)

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	04/22/2022	ND	2.04	102	2.00	1.35	
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115	
Total BTX	<0.300	0.300	04/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	203	101	200	1.46	
DRO >C10-C28*	13.0	10.0	04/22/2022	ND	203	102	200	4.63	
EXT DRO >C28-C36	14.6	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 97.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 148 BS @ 1' (H221593-58)

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	04/22/2022	ND	2.04	102	2.00	1.35	
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115	
Total BTEx	<0.300	0.300	04/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 149 BS @ 1' (H221593-59)

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	04/22/2022	ND	2.04	102	2.00	1.35		
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115		
Total BTX	<0.300	0.300	04/22/2022	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	64.0	16.0	04/21/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 98.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.2 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 150 BS @ 1' (H221593-60)

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	04/22/2022	ND	2.04	102	2.00	1.35		
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115		
Total BTX	<0.300	0.300	04/22/2022	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	64.0	16.0	04/21/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 97.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.9 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 151 BS @ 1' (H221593-61)

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	04/25/2022	ND	2.04	102	2.00	1.35	
Toluene*	<0.050	0.050	04/25/2022	ND	2.08	104	2.00	1.63	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	2.04	102	2.00	0.149	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	6.07	101	6.00	0.0115	
Total BTEx	<0.300	0.300	04/25/2022	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	32.0	16.0	04/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 152 BS @ 1' (H221593-62)

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	04/22/2022	ND	2.04	102	2.00	1.35		
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115		
Total BTX	<0.300	0.300	04/22/2022	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	48.0	16.0	04/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 94.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.3 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 153 BS @ 1' (H221593-63)**BTEX 8021B****mg/kg****Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	1.35	
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115	
Total BTEX	<0.300	0.300	04/22/2022	ND					

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

Chloride, SM4500CI-B**mg/kg****Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2022	ND	416	104	400	3.77	

TPH 8015M**mg/kg****Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 154 BS @ 1' (H221593-64)

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	04/22/2022	ND	2.04	102	2.00	1.35		
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115		
Total BTX	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 81.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 155 BS @ 1' (H221593-65)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	1.35		
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	10.2	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	11.8	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 156 BS @ 1' (H221593-66)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	1.35		
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 157 BS @ 1' (H221593-67)

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	04/22/2022	ND	2.04	102	2.00	1.35	
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115	
Total BTX	<0.300	0.300	04/22/2022	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	04/21/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 98.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 158 BS @ 1' (H221593-68)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	1.35		
Toluene*	<0.050	0.050	04/22/2022	ND	2.08	104	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.04	102	2.00	0.149		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.07	101	6.00	0.0115		
Total BTEx	<0.300	0.300	04/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	32.0	16.0	04/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 159 BS @ 1' (H221593-69)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	1.94	97.1	2.00	5.13		
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20		
Total BTEx	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	16.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	16.5	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 99.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 160 BS @ 1' (H221593-70)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	1.94	97.1	2.00	5.13		
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20		
Total BTEx	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 161 BS @ 1' (H221593-71)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	1.94	97.1	2.00	5.13	
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20	
Total BTEX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 162 BS @ 1' (H221593-72)

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	04/23/2022	ND	1.94	97.1	2.00	5.13		
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20		
Total BTX	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/21/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 163 BS @ 1' (H221593-73)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	1.94	97.1	2.00	5.13		
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20		
Total BTEx	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 85.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.0 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 164 BS @ 1' (H221593-74)

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	04/23/2022	ND	1.94	97.1	2.00	5.13	
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	11.7	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	11.9	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 95.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 165 BS @ 1' (H221593-75)

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	04/23/2022	ND	1.94	97.1	2.00	5.13	
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 91.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 166 BS @ 1' (H221593-76)

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	04/23/2022	ND	1.94	97.1	2.00	5.13	
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 90.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.4 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 167 BS @ 1' (H221593-77)

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	04/23/2022	ND	1.94	97.1	2.00	5.13	
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20	
Total BTX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	222	111	200	8.74	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	220	110	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 168 BS @ 1' (H221593-78)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	1.94	97.1	2.00	5.13		
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20		
Total BTEx	<0.300	0.300	04/23/2022	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	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 82.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.8 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 169 BS @ 1' (H221593-79)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	1.94	97.1	2.00	5.13		
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20		
Total BTEx	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	12.8	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	28.3	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 76.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.7 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 170 BS @ 1' (H221593-80)

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	04/23/2022	ND	1.94	97.1	2.00	5.13	
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20	
Total BTX	<0.300	0.300	04/23/2022	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	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	10.6	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	14.6	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 171 BS @ 1' (H221593-81)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	1.94	97.1	2.00	5.13		
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20		
Total BTEx	<0.300	0.300	04/23/2022	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	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	13.9	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	14.8	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.9 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 172 BS @ 1' (H221593-82)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	1.94	97.1	2.00	5.13		
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20		
Total BTEx	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	10.3	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	14.6	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 88.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 173 BS @ 1' (H221593-83)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	1.94	97.1	2.00	5.13		
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20		
Total BTEx	<0.300	0.300	04/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	11.9	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	17.7	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.6 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 174 BS @ 1' (H221593-84)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	1.94	97.1	2.00	5.13		
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20		
Total BTEx	<0.300	0.300	04/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 80.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.1 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 175 BS @ 1' (H221593-85)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	1.94	97.1	2.00	5.13		
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20		
Total BTX	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 176 BS @ 1' (H221593-86)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2022	ND	1.94	97.1	2.00	5.13	
Toluene*	<0.050	0.050	04/25/2022	ND	1.88	93.9	2.00	8.00	
Ethylbenzene*	<0.050	0.050	04/25/2022	ND	1.90	95.1	2.00	5.64	
Total Xylenes*	<0.150	0.150	04/25/2022	ND	5.62	93.7	6.00	6.20	
Total BTX	<0.300	0.300	04/25/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 91.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.8 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 177 BS @ 1' (H221593-87)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2022	ND	1.94	97.1	2.00	5.13	
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00	
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64	
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20	
Total BTEX	<0.300	0.300	04/23/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 178 BS @ 1' (H221593-88)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	1.94	97.1	2.00	5.13		
Toluene*	<0.050	0.050	04/23/2022	ND	1.88	93.9	2.00	8.00		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	1.90	95.1	2.00	5.64		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	5.62	93.7	6.00	6.20		
Total BTX	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.3 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 179 BS @ 1' (H221593-89)

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	04/21/2022	ND	1.98	99.0	2.00	8.96	
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	11.7	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 180 BS @ 1' (H221593-90)

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	04/21/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85		
Total BTEx	<0.300	0.300	04/21/2022	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	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	13.8	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.1 % 59.5-142

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



• CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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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.						P.O. #:		ANALYSIS REQUEST																	
Project Manager: Cliff Brunson						Company:		Oxy																	
Address: P.O. Box 805						Attn:																			
City: Hobbs						State: NM		Zip: 88241																	
Phone #: 575-397-6388						Fax #:		575-397-0397																	
Project #:						Project Owner:		Oxy																	
Project Name: NHU SAT #31 (3/10/22)						City:																			
Project Location: NEW MEXICO						State:		Zip:																	
Sample Name: SIMON						Phone #:																			
FOR LAB USE ONLY						Fax #:																			
Lab I.D. HBA1593						(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV		SAMPLING									
										GROUNDWATER				WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:	
Sample I.D.						DATE		TIME		CL		BTEX		TPHEXT											
11						4/12/22		2:15PM		✓		✓		✓											
12						4/12/22		2:23PM		✓		✓		✓											
13						4/12/22		2:31PM		✓		✓		✓											
14						4/12/22		2:40PM		✓		✓		✓											
15						4/12/22		2:49PM		✓		✓		✓											
16						4/12/22		2:57PM		✓		✓		✓											
17						4/12/22		3:07PM		✓		✓		✓											
18						4/12/22		3:14PM		✓		✓		✓											
19						4/12/22		3:22PM		✓		✓		✓											
20						4/12/22		3:30PM		✓		✓		✓											
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Relinquished By: Simon Paul														Fax Result:		<input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:							
Date: 4-18-22														REMARKS:											
Time: 10:50																									
Received By: [Signature]																									
Date: 4-18-22																									
Time: 10:50																									
Cool Intact																									
Sample Condition																									
CHECKED BY: [Signature] (initials)																									
Delivered By: (Circle One) -10.0°C -10.5°C																									
Sampler - UPS - Bus - Other:																									

Page 94 of 102

**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: NHU SAT #31 3/10/22

Project Location: NEW MEXICO

Sampler Name: SIMON

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

BILL TO**ANALYSIS REQUEST**

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

11221593

111 BS @ 1'

112 BS @ 1'

113 BS @ 1'

114 BS @ 1'

115 BS @ 1'

116 BS @ 1'

117 BS @ 1'

118 BS @ 1'

119 BS @ 1'

120 BS @ 1'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE TIME

4/12/22 3:37PM

4/12/22 3:46PM

4/12/22 3:53PM

4/12/22 4:00PM

4/12/22 4:09PM

4/12/22 4:15PM

4/12/22 4:22PM

4/12/22 4:29PM

4/12/22 4:37PM

4/12/22 4:46PM

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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

1305

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST																							
Project Manager: Cliff Brunson		P.O. #:																									
Address: P.O. Box 805		Company:																									
City: Hobbs		Attn: Oxy																									
Phone #: 575-397-6388		Address:																									
Fax #: 575-397-0397		City:																									
Project #:		State: NM																									
Project Name: NHU SAT #31 3/10/22		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 :																			
								DATE		TIME																	
1122593		121 BS @ 1'		1		1		4/12/22		4:51PM		✓		CL													
31		122 BS @ 1'		1		1		4/12/22		4:57PM		✓		BTEX													
33		123 BS @ 1'		1		1		4/12/22		5:06PM		✓		TPT EXT													
34		124 BS @ 1'		1		1		4/12/22		5:12PM		✓															
35		125 BS @ 1'		1		1		4/12/22		5:18PM		✓															
<small>PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether caused in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits, incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																											
Relinquished By:		Date: 4-18-22		Received By:		Time: 8:00 AM		Received By:		Time:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:													
Relinquished By: Simon Penley		Date: 4-18-22		Received By: David Kenna		Time: 4:50 PM		Received By:		Time:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:													
Delivered By: (Circle One) -10.0 C-O-52		Sample Condition		CHECKED BY:		Initials		Sample Condition		CHECKED BY:		Initials															
Sampler - UPS - Bus - Other: -10.52 #113		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sample Condition		CHECKED BY:		Initials		Sample Condition		CHECKED BY:		Initials													

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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													
Phone #: 575-397-6388		Address:											
Fax #: 575-397-0397		City:											
Project #:		State:											
Project Name: NHU SAT #31 3/10/22		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 :					
								DATE		TIME			
1201593		126 BS @ 1'		✓		✓		✓		✓		CL	
36		127 BS @ 1'		✓		✓		✓		✓		BTEX	
37		128 BS @ 1'		✓		✓		✓		✓		TPA EXT	
38		129 BS @ 1'		✓		✓		✓		✓			
39		130 BS @ 1'		✓		✓		✓		✓			
40													
<small>PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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: 4-18-22		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: 4-18-22		Received By:		REMARKS:							
Relinquished By:		Time: 10:50 AM		Received By:									
Delivered By: (Circle One) -10.0°C -10.5°C		Sample Condition		CHECKED BY:									
Sampler - UPS - Bus - Other:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Initials									

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CARDINAL LABORATORIES
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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:																									
Phone #: 575-397-6388		Address:																									
State: NM Zip: 88241																											
Fax #: 575-397-0397																											
Project #:																											
Project Name: NHU SAT #31 3/10/22		City:																									
Project Location: NEW MEXICO		State:																									
Sampler Name: SIMON		Phone #:																									
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																	
41		131		BS @ 1'				4/13/22		8:00AM		✓		✓													
42		132		BS @ 1'				4/13/22		8:08AM		✓		✓													
43		133		BS @ 1'				4/13/22		8:16AM		✓		✓													
44		134		BS @ 1'				4/13/22		8:23AM		✓		✓													
45		135		BS @ 1'				4/13/22		8:30AM		✓		✓													
46		136		BS @ 1'				4/13/22		8:37AM		✓		✓													
47		137		BS @ 1'				4/13/22		8:45AM		✓		✓													
48		138		BS @ 1'				4/13/22		8:53AM		✓		✓													
49		139		BS @ 1'				4/13/22		8:59AM		✓		✓													
50		140		BS @ 1'				4/13/22		9:07AM		✓		✓													
PLEASE NOTE: Liability and Damages. Cardinal's liability and clients' exclusions are 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.																											
Relinquished By:		Date: 4-18-22		Received By:		Time: 9:00AM		Phone Result:		Yes <input type="checkbox"/> No <input type="checkbox"/>		Add'l Phone #:															
Relinquished By: Simon Penley		Date: 4-18-22		Received By: Speedie		Time: 9:00AM		Fax Result:		Yes <input type="checkbox"/> No <input type="checkbox"/>		Add'l Fax #:															
Delivered By: (Circle One) -100% C.O.S. Speedie		Sample Condition:		CHECKED BY:		Initials																					
Sampler - UPS - Bus - Other: -10.5c #113		Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>																					

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				P.O. #:				ANALYSIS REQUEST			
Project Manager: Cliff Brunson				Company: Oxy							
Address: P.O. Box 805				Attn:							
City: Hobbs				State: NM Zip: 88241							
Phone #: 575-397-6388				Fax #: 575-397-0397							
Project #:				Project Owner: Oxy							
Project Name: NHU SAT #31 3/10/22				City:							
Project Location: NEW MEXICO				State:							
Sample Name: SIMON				Phone #:							
FOR LAB USE ONLY				Fax #:							

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	CL	BTEX	TPH	EXT	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :									ACID/BASE:
H21593																		
51	141 BS @ 1'																	
	142 BS @ 1'																	
	143 BS @ 1'																	
	144 BS @ 1'																	
	145 BS @ 1'																	
	146 BS @ 1'																	
	147 BS @ 1'																	
	148 BS @ 1'																	
	149 BS @ 1'																	
	150 BS @ 1'																	

Relinquished By: Simon only Date: 4-18-22 Time: 8:00 AM		Received By: [Signature] Date: 4-18-22 Time: 10:50	
Relinquished By: [Signature] Date: 4-18-22 Time: 10:50		Received By: [Signature] Date: 4-18-22 Time: 10:50	

Delivered By: (Circle One) -10.02 20.05 -10.05 #113	Sample Condition <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) [Signature]
---	---	--

REMARKS: Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #:



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.
Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: NHU SAT #31 3/10/22

Project Location: NEW MEXICO

Sampler Name: SIMON

BILL TO

P.O. #:

Company: Oxy

Attn:

Address:

City:

State:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	CL	BTEX	TPH EXT
41281593	151 BS @ 1'	(G)	1	GROUNDWATER			4/13/22	10:28AM	✓	✓	✓
403	152 BS @ 1'			WASTEWATER			4/13/22	10:35AM	✓	✓	✓
403	153 BS @ 1'			SOIL			4/13/22	10:43AM	✓	✓	✓
404	154 BS @ 1'			OIL			4/13/22	10:50AM	✓	✓	✓
405	155 BS @ 1'			SLUDGE			4/13/22	10:57AM	✓	✓	✓
404	156 BS @ 1'			OTHER :			4/13/22	11:05AM	✓	✓	✓
407	157 BS @ 1'			ACID/BASE:			4/13/22	11:13AM	✓	✓	✓
408	158 BS @ 1'			ICE / COOL			4/13/22	11:19AM	✓	✓	✓
409	159 BS @ 1'			OTHER :			4/13/22	11:25AM	✓	✓	✓
70	160 BS @ 1'						4/13/22	11:33AM	✓	✓	✓

Relinquished By:

Relinquished By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

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

Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

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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

Company Name: BBC International, Inc.		P.O. #:		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company: <i>Oxy</i>			
Address: P.O. Box 805		Attn:			
City: Hobbs		Address:			
Phone #: 575-397-6388		City:			
Fax #: 575-397-0397		State:			
Project #: Project Owner: Oxy		Zip:			
Project Name: NHU SAT #31 3/10/22		Phone #:			
Project Location: NEW MEXICO		Fax #:			
Sampler Name: SIMON					

Project Manager: Cliff Brunson													P.O. #:										
Address: P.O. Box 805													Company: Oxy										
City: Hobbs													Attn:										
Phone #: 575-397-6388													Address:										
State: NM Zip: 88241													City:										
Fax #: 575-397-0397													State: Zip:										
Project #: Project Owner: Oxy													Phone #:										
Project Name: NHU SAT #31 3/10/22													Fax #:										
Project Location: NEW MEXICO																							
Sampler Name: SIMON																							
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING											
				GROUNDWATER				WASTEWATER															
				SOIL				OIL															
				SLUDGE				OTHER :															
				ACID/BASE:				ICE / COOL															
				OTHER :																			
		DATE		TIME																			
#021593		161		BS @ 1'		1		4/13/22		11:40AM		✓											
		162		BS @ 1'				4/13/22		11:48AM		✓											
		163		BS @ 1'				4/13/22		11:55AM		✓											
		164		BS @ 1'				4/13/22		12:02PM		✓											
		165		BS @ 1'				4/13/22		12:09PM		✓											
		166		BS @ 1'				4/13/22		12:16PM		✓											
		167		BS @ 1'				4/13/22		12:23PM		✓											
		168		BS @ 1'				4/13/22		12:30PM		✓											
		169		BS @ 1'				4/13/22		12:37PM		✓											
		170		BS @ 1'				4/13/22		12:45PM		✓											
														CL									
														BTEX									
														TPH EXT									

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Relinquished By: <i>Simon</i>	Date: 4-18-22	Received By: <i>Sheff</i>	Time: 8:00 AM	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <i>Sheff</i>	Date: 4-18-22	Received By: <i>Sheff</i>	Time: 10:50 AM	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) <i>UPS</i>	-10.0°C -0.5°C	Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact	CHECKED BY: <i>Sheff</i>		
Sampler - UPS - Bus - Other: <i>UPS</i>	-10.5°C #113	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(initials) <i>SR</i>		

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ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. 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: NHU SAT #31 3/10/22 Project Location: NEW MEXICO Sampler Name: SIMON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:					
FOR LAB USE ONLY									
Lab I.D.		Sample I.D.		MATRIX		PRESERV.		SAMPLING	
1221593		171 BS @ 1'		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER	
81		172 BS @ 1'		1		WASTEWATER		SOIL	
83		173 BS @ 1'		1		OIL		SLUDGE	
84		174 BS @ 1'		1		OTHER :		ACID/BASE:	
85		175 BS @ 1'		1		ICE / COOL		OTHER :	
86		176 BS @ 1'		1		DATE		TIME	
87		177 BS @ 1'		1		4/13/22		12:54PM	
88		178 BS @ 1'		1		4/13/22		1:04PM	
89		179 BS @ 1'		1		4/13/22		1:12PM	
90		180 BS @ 1'		1		4/13/22		1:20PM	
						4/13/22		1:26PM	
						4/13/22		1:34PM	
						4/13/22		1:41PM	
						4/13/22		1:48PM	
						4/13/22		1:56PM	
						4/13/22		2:03PM	

Relinquished By: *[Signature]* **Date:** 4-18-22 **Received By:** *[Signature]*
Relinquished By: *[Signature]* **Date:** 4-18-22 **Received By:** *[Signature]*
Delivered By: (Circle One) *10.0°C* *10.0.5°C* **Sample Condition**
 Cooler ☒ Yes ☐ No Intact ☒ Yes ☐ No
Sampler - UPS - Bus - Other: *10.5°C #113* **Checked By:** *[Signature]* (Initials) *8X*
REMARKS:



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

Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 1 BS @ 1' (H221592-01)

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	04/20/2022	ND	2.11	106	2.00	0.361	
Toluene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	1.26	
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	101	2.00	0.772	
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.29	105	6.00	0.899	
Total BTEX	<0.300	0.300	04/20/2022	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	48.0	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 77.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.7 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 2 BS @ 1' (H221592-02)

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	04/20/2022	ND	2.11	106	2.00	0.361		
Toluene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	1.26		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	101	2.00	0.772		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.29	105	6.00	0.899		
Total BTX	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 74.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.4 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 3 BS @ 1' (H221592-03)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	0.361	
Toluene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	1.26	
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	101	2.00	0.772	
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.29	105	6.00	0.899	
Total BTEx	<0.300	0.300	04/20/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	11.7	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 76.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.9 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 4 BS @ 1' (H221592-04)

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	04/20/2022	ND	2.11	106	2.00	0.361		
Toluene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	1.26		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	101	2.00	0.772		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.29	105	6.00	0.899		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 73.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.9 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 5 BS @ 1' (H221592-05)

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	04/20/2022	ND	2.11	106	2.00	0.361	
Toluene*	<0.050	0.050	04/20/2022	ND	2.11	106	2.00	1.26	
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.03	101	2.00	0.772	
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.29	105	6.00	0.899	
Total BTX	<0.300	0.300	04/20/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	10.1	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 80.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.2 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 6 BS @ 1' (H221592-06)

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	04/20/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/20/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	5.97	99.5	6.00	7.06		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 83.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 7 BS @ 1' (H221592-07)

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	04/20/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/20/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	5.97	99.5	6.00	7.06		
Total BTX	<0.300	0.300	04/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 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	48.0	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 74.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.0 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 8 BS @ 1' (H221592-08)

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	04/20/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/20/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	5.97	99.5	6.00	7.06		
Total BTX	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	13.3	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 87.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.3 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 9 BS @ 1' (H221592-09)

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	04/20/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/20/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	5.97	99.5	6.00	7.06		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 81.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.1 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 10 BS @ 1' (H221592-10)

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	04/21/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.97	99.5	6.00	7.06		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 79.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.2 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 11 BS @ 1' (H221592-11)

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	04/21/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.97	99.5	6.00	7.06		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	14.4	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 80.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.7 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 12 BS @ 1' (H221592-12)

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	04/21/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.97	99.5	6.00	7.06		
Total BTEx	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 77.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.1 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 13 BS @ 1' (H221592-13)

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	04/21/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.97	99.5	6.00	7.06		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	15.8	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	10.4	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 79.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.2 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 14 BS @ 1' (H221592-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.97	99.5	6.00	7.06		
Total BTEx	<0.300	0.300	04/21/2022	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	64.0	16.0	04/20/2022	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	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	14.0	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 83.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.6 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 15 BS @ 1' (H221592-15)

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	04/21/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.97	99.5	6.00	7.06		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/20/2022	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	04/20/2022	ND	201	100	200	3.88	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 77.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.5 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 16 BS @ 1' (H221592-16)

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	04/21/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.97	99.5	6.00	7.06		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	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	04/20/2022	ND	201	100	200	3.88	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 17 BS @ 1' (H221592-17)

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	04/21/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.97	99.5	6.00	7.06		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/20/2022	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	04/20/2022	ND	201	100	200	3.88	
DRO >C10-C28*	10.7	10.0	04/20/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	10.1	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.8 % 59.5-142

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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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 18 BS @ 1' (H221592-18)

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	04/21/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.97	99.5	6.00	7.06		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	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	04/20/2022	ND	201	100	200	3.88	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 72.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.2 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 19 BS @ 1' (H221592-19)

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	04/21/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.97	99.5	6.00	7.06		
Total BTX	<0.300	0.300	04/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	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	04/21/2022	ND	201	100	200	3.88	
DRO >C10-C28*	11.2	10.0	04/21/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	10.5	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.6 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 20 BS @ 1' (H221592-20)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.97	99.5	6.00	7.06		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/20/2022	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	04/20/2022	ND	201	100	200	3.88	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 86.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.0 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 21 @ 1' (H221592-21)

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	04/21/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.97	99.5	6.00	7.06		
Total BTEx	<0.300	0.300	04/21/2022	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	48.0	16.0	04/20/2022	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	04/22/2022	ND	201	100	200	3.88	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 70.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.2 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 22 @ 1' (H221592-22)

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	04/21/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.97	99.5	6.00	7.06		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2022	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	04/21/2022	ND	201	100	200	3.88	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 82.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.1 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 23 @ 1' (H221592-23)

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	04/21/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.97	99.5	6.00	7.06		
Total BTEx	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/20/2022	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	04/20/2022	ND	201	100	200	3.88	
DRO >C10-C28*	10.1	10.0	04/20/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.4 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 24 @ 1' (H221592-24)

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	04/21/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.97	99.5	6.00	7.06		
Total BTEx	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/20/2022	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	04/20/2022	ND	201	100	200	3.88	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 80.5 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 25 @ 1' (H221592-25)

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	04/21/2022	ND	1.93	96.7	2.00	9.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	97.9	2.00	9.27		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.00	99.8	2.00	7.64		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.97	99.5	6.00	7.06		
Total BTEx	<0.300	0.300	04/21/2022	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	64.0	16.0	04/20/2022	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	04/20/2022	ND	201	100	200	3.88	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 85.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.4 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 26 @ 1' (H221592-26)

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	04/21/2022	ND	2.06	103	2.00	3.41	
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36	
Total BTEx	<0.300	0.300	04/21/2022	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	48.0	16.0	04/20/2022	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	04/20/2022	ND	201	100	200	3.88	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.8 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 27 @ 1' (H221592-27)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2022	ND	2.06	103	2.00	3.41	
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/20/2022	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	04/20/2022	ND	201	100	200	3.88	
DRO >C10-C28*	10.4	10.0	04/20/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 85.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.5 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 28 @ 1' (H221592-28)

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	04/21/2022	ND	2.06	103	2.00	3.41	
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36	
Total BTEx	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2022	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	04/20/2022	ND	201	100	200	3.88	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 84.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 29 @ 1' (H221592-29)

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	04/21/2022	ND	2.06	103	2.00	3.41	
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36	
Total BTEX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2022	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	04/20/2022	ND	201	100	200	3.88	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 85.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.4 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 30 @ 1' (H221592-30)

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	04/21/2022	ND	2.06	103	2.00	3.41	
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36	
Total BTEX	<0.300	0.300	04/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	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	04/20/2022	ND	201	100	200	3.88	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 77.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.7 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 31 BS @ 1' (H221592-31)

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	04/21/2022	ND	2.06	103	2.00	3.41	
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/20/2022	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	04/20/2022	ND	201	100	200	3.88	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 32 BS @ 1' (H221592-32)

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	04/21/2022	ND	2.06	103	2.00	3.41	
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	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	04/20/2022	ND	201	100	200	3.88	
DRO >C10-C28*	10.5	10.0	04/20/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 33 BS @ 1' (H221592-33)

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	04/21/2022	ND	2.06	103	2.00	3.41	
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36	
Total BTX	<0.300	0.300	04/21/2022	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	48.0	16.0	04/20/2022	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	04/20/2022	ND	201	100	200	3.88	
DRO >C10-C28*	10.1	10.0	04/20/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	10.1	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 34 BS @ 1' (H221592-34)

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	04/21/2022	ND	2.06	103	2.00	3.41	
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/20/2022	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	04/20/2022	ND	201	100	200	3.88	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	219	110	200	1.35	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 79.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.5 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 35 BS @ 1' (H221592-35)

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	04/21/2022	ND	2.06	103	2.00	3.41	
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 36 BS @ 1' (H221592-36)

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	04/21/2022	ND	2.06	103	2.00	3.41		
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36		
Total BTEx	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 97.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 37 BS @ 1' (H221592-37)

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	04/21/2022	ND	2.06	103	2.00	3.41	
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 93.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 38 BS @ 1' (H221592-38)

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	04/21/2022	ND	2.06	103	2.00	3.41	
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 96.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 39 BS @ 1' (H221592-39)

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	04/21/2022	ND	2.06	103	2.00	3.41		
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36		
Total BTEx	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 96.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 40 BS @ 1' (H221592-40)

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	04/21/2022	ND	2.06	103	2.00	3.41	
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 96.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 41 BS @ 1' (H221592-41)

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	04/21/2022	ND	2.06	103	2.00	3.41	
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 42 BS @ 1' (H221592-42)

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	04/21/2022	ND	2.06	103	2.00	3.41	
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 89.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 43 BS @ 1' (H221592-43)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	2.06	103	2.00	3.41		
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 44 BS @ 1' (H221592-44)

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	04/21/2022	ND	2.06	103	2.00	3.41	
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36	
Total BTX	<0.300	0.300	04/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	64.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	208	104	200	7.20	
DRO >C10-C28*	12.7	10.0	04/21/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	10.4	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 45 BS @ 1' (H221592-45)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2022	ND	2.06	103	2.00	3.41	
Toluene*	<0.050	0.050	04/21/2022	ND	2.01	100	2.00	2.81	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	2.02	101	2.00	3.09	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.04	101	6.00	3.36	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 46 BS @ 1' (H221592-46)

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	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	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	48.0	16.0	04/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 47 BS @ 1' (H221592-47)

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	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 99.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 48 BS @ 1' (H221592-48)

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	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 49 BS @ 1' (H221592-49)

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	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	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	04/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 50 BS @ 1' (H221592-50)

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	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	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	48.0	16.0	04/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	208	104	200	7.20	
DRO >C10-C28*	13.4	10.0	04/21/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	16.9	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 99.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 51 BS @ 1' (H221592-51)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	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	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 81.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.4 % 59.5-142

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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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 52 BS @ 1' (H221592-52)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTEx	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	11.2	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 53 BS @ 1' (H221592-53)

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	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 54 BS @ 1' (H221592-54)

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	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	208	104	200	7.20	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	217	109	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 92.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 55 BS @ 1' (H221592-55)

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	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	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	32.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	13.9	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.2 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 56 BS @ 1' (H221592-56)

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	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	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	32.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	13.4	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 89.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.0 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 57 BS @ 1' (H221592-57)

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	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	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	48.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	14.6	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 82.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.3 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 58 BS @ 1' (H221592-58)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	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	48.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	13.3	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	10.3	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.0 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 59 BS @ 1' (H221592-59)

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	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	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	48.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	11.6	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 81.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.6 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/11/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 60 BS @ 1' (H221592-60)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTEx	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 61 BS @ 1' (H221592-61)

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	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	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	48.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	11.5	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 62 BS @ 1' (H221592-62)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	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	48.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	10.5	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 84.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.4 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 63 BS @ 1' (H221592-63)

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	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	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	32.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	10.7	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 78.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 64 BS @ 1' (H221592-64)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	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	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	12.2	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.2 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 65 BS @ 1' (H221592-65)

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	04/21/2022	ND	1.94	97.1	2.00	12.9		
Toluene*	<0.050	0.050	04/21/2022	ND	1.94	96.9	2.00	12.6		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	12.5		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	12.9		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 86.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.7 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 66 BS @ 1' (H221592-66)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.28	105	6.00	1.77		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	12.3	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.3 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 67 BS @ 1' (H221592-67)

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	04/20/2022	ND	1.95	97.4	2.00	9.23	QR-03
Toluene*	<0.050	0.050	04/20/2022	ND	1.96	98.1	2.00	8.35	QR-03
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.94	97.0	2.00	9.28	QR-03
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.01	100	6.00	9.52	QR-03
Total BTX	<0.300	0.300	04/20/2022	ND					

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

Chloride, SM4500CI-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.8 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 68 BS @ 1' (H221592-68)

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	04/20/2022	ND	1.95	97.4	2.00	9.23		
Toluene*	<0.050	0.050	04/20/2022	ND	1.96	98.1	2.00	8.35		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.94	97.0	2.00	9.28		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.01	100	6.00	9.52		
Total BTX	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 69 BS @ 1' (H221592-69)

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	04/20/2022	ND	1.95	97.4	2.00	9.23		
Toluene*	<0.050	0.050	04/20/2022	ND	1.96	98.1	2.00	8.35		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.94	97.0	2.00	9.28		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.01	100	6.00	9.52		
Total BTX	<0.300	0.300	04/20/2022	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	48.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.5 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 70 BS @ 1' (H221592-70)

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	04/20/2022	ND	1.95	97.4	2.00	9.23		
Toluene*	<0.050	0.050	04/20/2022	ND	1.96	98.1	2.00	8.35		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.94	97.0	2.00	9.28		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.01	100	6.00	9.52		
Total BTX	<0.300	0.300	04/20/2022	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	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	12.0	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.9 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 71 BS @ 1' (H221592-71)

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	04/20/2022	ND	1.95	97.4	2.00	9.23		
Toluene*	<0.050	0.050	04/20/2022	ND	1.96	98.1	2.00	8.35		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.94	97.0	2.00	9.28		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.01	100	6.00	9.52		
Total BTX	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 85.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.2 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 72 BS @ 1' (H221592-72)

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	04/20/2022	ND	1.95	97.4	2.00	9.23	
Toluene*	<0.050	0.050	04/20/2022	ND	1.96	98.1	2.00	8.35	
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.94	97.0	2.00	9.28	
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.01	100	6.00	9.52	
Total BTX	<0.300	0.300	04/20/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 79.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.8 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 73 BS @ 1' (H221592-73)

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	04/20/2022	ND	1.95	97.4	2.00	9.23		
Toluene*	<0.050	0.050	04/20/2022	ND	1.96	98.1	2.00	8.35		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.94	97.0	2.00	9.28		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.01	100	6.00	9.52		
Total BTX	<0.300	0.300	04/20/2022	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	64.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 79.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.9 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 74 BS @ 1' (H221592-74)

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	04/20/2022	ND	1.95	97.4	2.00	9.23		
Toluene*	<0.050	0.050	04/20/2022	ND	1.96	98.1	2.00	8.35		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.94	97.0	2.00	9.28		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.01	100	6.00	9.52		
Total BTX	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/20/2022	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	04/21/2022	ND	199	99.3	200	4.56	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	212	106	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 89.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.1 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 75 BS @ 1' (H221592-75)

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	04/20/2022	ND	1.95	97.4	2.00	9.23		
Toluene*	<0.050	0.050	04/20/2022	ND	1.96	98.1	2.00	8.35		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.94	97.0	2.00	9.28		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.01	100	6.00	9.52		
Total BTX	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	204	102	200	5.24	
DRO >C10-C28*	11.2	10.0	04/20/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 80.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.9 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 76 BS @ 1' (H221592-76)

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	04/20/2022	ND	1.95	97.4	2.00	9.23		
Toluene*	<0.050	0.050	04/20/2022	ND	1.96	98.1	2.00	8.35		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.94	97.0	2.00	9.28		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.01	100	6.00	9.52		
Total BTX	<0.300	0.300	04/20/2022	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	04/20/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	204	102	200	5.24	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 82.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 77 BS @ 1' (H221592-77)

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	04/20/2022	ND	1.95	97.4	2.00	9.23		
Toluene*	<0.050	0.050	04/20/2022	ND	1.96	98.1	2.00	8.35		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.94	97.0	2.00	9.28		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.01	100	6.00	9.52		
Total BTX	<0.300	0.300	04/20/2022	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	32.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	204	102	200	5.24	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 78 BS @ 1' (H221592-78)

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	04/20/2022	ND	1.95	97.4	2.00	9.23	
Toluene*	<0.050	0.050	04/20/2022	ND	1.96	98.1	2.00	8.35	
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.94	97.0	2.00	9.28	
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.01	100	6.00	9.52	
Total BTX	<0.300	0.300	04/20/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	204	102	200	5.24	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.6 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 79 BS @ 1' (H221592-79)

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	04/20/2022	ND	1.95	97.4	2.00	9.23		
Toluene*	<0.050	0.050	04/20/2022	ND	1.96	98.1	2.00	8.35		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	1.94	97.0	2.00	9.28		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.01	100	6.00	9.52		
Total BTX	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	204	102	200	5.24	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 86.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.8 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 80 BS @ 1' (H221592-80)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.28	105	6.00	1.77		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	204	102	200	5.24	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.3 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 81 BS @ 1' (H221592-81)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.28	105	6.00	1.77		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	204	102	200	5.24	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.0 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 82 BS @ 1' (H221592-82)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.28	105	6.00	1.77		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	204	102	200	5.24	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 83.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.3 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 83 BS @ 1' (H221592-83)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.28	105	6.00	1.77		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	204	102	200	5.24	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 86.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.6 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 84 BS @ 1' (H221592-84)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.28	105	6.00	1.77		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	204	102	200	5.24	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 81.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.6 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 85 BS @ 1' (H221592-85)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.28	105	6.00	1.77		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	204	102	200	5.24	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.3 % 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: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 86 BS @ 1' (H221592-86)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.28	105	6.00	1.77		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	204	102	200	5.24	
DRO >C10-C28*	17.2	10.0	04/21/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 87 BS @ 1' (H221592-87)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.28	105	6.00	1.77		
Total BTEX	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	204	102	200	5.24	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 88 BS @ 1' (H221592-88)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.28	105	6.00	1.77		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	204	102	200	5.24	
DRO >C10-C28*	17.1	10.0	04/21/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 94.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 89 BS @ 1' (H221592-89)

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	04/20/2022	ND	2.09	105	2.00	1.83	
Toluene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.66	
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.02	101	2.00	1.97	
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.28	105	6.00	1.77	
Total BTEX	<0.300	0.300	04/20/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	204	102	200	5.24	
DRO >C10-C28*	12.6	10.0	04/21/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: 90 BS @ 1' (H221592-90)

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	04/20/2022	ND	2.09	105	2.00	1.83		
Toluene*	<0.050	0.050	04/20/2022	ND	2.09	105	2.00	1.66		
Ethylbenzene*	<0.050	0.050	04/20/2022	ND	2.02	101	2.00	1.97		
Total Xylenes*	<0.150	0.150	04/20/2022	ND	6.28	105	6.00	1.77		
Total BTEx	<0.300	0.300	04/20/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	204	102	200	5.24	
DRO >C10-C28*	21.0	10.0	04/21/2022	ND	197	98.7	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 75.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.9 % 59.5-142

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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.
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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		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: NHU SAT #31 3/10/22		Zip:											
Project Location: NEW MEXICO		Phone #:											
Sampler Name: SIMON		Fax #:											
FOR LAB USE ONLY													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING	
								GROUNDWATER					
								WASTEWATER					
								SOIL					
								OIL					
								SLUDGE					
								OTHER :					
								ACID/BASE:					
								ICE / COOL					
								OTHER :					
								DATE		TIME			
H221592		1		BS @ 1'		1		4/11/22		8:05am		✓	
2		BS @ 1'		1		4/11/22		8:12am		✓		✓	
3		BS @ 1'		1		4/11/22		8:19am		✓		✓	
4		BS @ 1'		1		4/11/22		8:25am		✓		✓	
5		BS @ 1'		1		4/11/22		8:33am		✓		✓	
6		BS @ 1'		1		4/11/22		8:41am		✓		✓	
7		BS @ 1'		1		4/11/22		8:52am		✓		✓	
8		BS @ 1'		1		4/11/22		9:00am		✓		✓	
9		BS @ 1'		1		4/11/22		9:10am		✓		✓	
10		BS @ 1'		1		4/11/22		9:18am		✓		✓	
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Relinquished By:		Date: 4-18-22		Received By:		Phone Result:		Yes <input type="checkbox"/> No <input type="checkbox"/>		Add'l Phone #:			
Relinquished By:		Time: 8:00am		Received By:		Fax Result:		Yes <input type="checkbox"/> No <input type="checkbox"/>		Add'l Fax #:			
Delivered By: (Circle One) <i>Cardinal</i>		Date: 4-18-22		Time: 8:00am		Sample Condition		CHECKED BY:		(Initials)			
Sampler - UPS - Bus - Other:		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
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		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
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		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
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		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am		Received By:		Sample Condition		CHECKED BY:		(Initials)			
		Time: 8:00am</											



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: NHU SAT #31 3/10/22

Project Location: NEW MEXICO

Sample Name: SIMON

FOR LAB USE ONLY

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

Lab I.D.

Sample I.D.

11 BS @ 1'

12 BS @ 1'

13 BS @ 1'

14 BS @ 1'

15 BS @ 1'

16 BS @ 1'

17 BS @ 1'

18 BS @ 1'

19 BS @ 1'

20 BS @ 1'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

4/11/22 9:29am

4/11/22 9:37am

4/11/22 9:47am

4/11/22 9:55am

4/11/22 10:08am

4/11/22 10:22am

4/11/22 10:31am

4/11/22 10:42am

4/11/22 10:50am

4/11/22 11:00am

CL

BTEX

TPH EXT

✓

✓

✓

✓

✓

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✓

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Relinquished By:

Date: 4-18-22

Received By:

Time: 8:00am

Date: 4-18-22

Received By:

Time: 1:50pm

Date: 4-18-22

Received By:

Time: 1:50pm

Date: 4-18-22

Relinquished By:

Date: 4-18-22

Received By:

Time: 8:00am

Date: 4-18-22

Received By:

Time: 1:50pm

Date: 4-18-22

Received By:

Time: 1:50pm

Date: 4-18-22

Relinquished By:

Date: 4-18-22

Received By:

Time: 8:00am

Date: 4-18-22

Received By:

Time: 1:50pm

Date: 4-18-22

Received By:

Time: 1:50pm

Date: 4-18-22

Relinquished By:

Date: 4-18-22

Received By:

Time: 8:00am

Date: 4-18-22

Received By:

Time: 1:50pm

Date: 4-18-22

Received By:

Time: 1:50pm

Date: 4-18-22

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of 28

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				State: NM Zip: 88241													
Phone #: 575-397-6388				Fax #: 575-397-0397													
Project #:				Project Owner: Oxy													
Project Name: NHU SAT #31 (3/10/22)				City:													
Project Location: NEW MEXICO				State: Zip:													
Sample Name: SIMON				Phone #:													
FOR LAB USE ONLY				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	CL	BTEX	TPH EXT
#221592	BS 21 @ 1'	G	1										4/11/22	11:09AM	✓	✓	✓
	BS 22 @ 1'												4/11/22	11:17AM	✓	✓	✓
	BS 23 @ 1'												4/11/22	11:24AM	✓	✓	✓
	BS 24 @ 1'												4/11/22	11:32AM	✓	✓	✓
	BS 25 @ 1'												4/11/22	11:41AM	✓	✓	✓
	BS 26 @ 1'												4/11/22	11:50AM	✓	✓	✓
	BS 27 @ 1'												4/11/22	11:57AM	✓	✓	✓
	BS 28 @ 1'												4/11/22	12:45PM	✓	✓	✓
	BS 29 @ 1'												4/11/22	12:53PM	✓	✓	✓
	BS 30 @ 1'												4/11/22	1:02PM	✓	✓	✓

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

Relinquished By: Jimmy Pardo Time: 4:00 PM Date: 4-18-22	Received By: Michael Hena Time: 4:50 PM Date: 4-18-22	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Reinquinshed By: Michael Hena Time: 4:50 PM Date: 4-18-22	Received By: Jimmy Pardo Time: 4:00 PM Date: 4-18-22	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
REMARKS:			

Delivered By: (Circle One) Sampler - UPS - Bus - Other: <input checked="" type="radio"/>	-10002 C.A.S.E. -1050#113	Sample Condition <input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKED BY: (Initials) JP
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Page 95 of 101



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4-05-2

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: NHU SAT #31 3/10/22

Project Location: NEW MEXICO

Sampler Name: SIMON

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

HA21532

DATE	TIME	CL	BTEX	TPH	EXT
4/11/22	1:14PM	✓	✓	✓	✓
4/11/22	1:23PM	✓	✓	✓	✓
4/11/22	1:33PM	✓	✓	✓	✓
4/11/22	1:45PM	✓	✓	✓	✓
4/11/22	1:56PM	✓	✓	✓	✓
4/11/22	2:06PM	✓	✓	✓	✓
4/11/22	2:14PM	✓	✓	✓	✓
4/11/22	2:25PM	✓	✓	✓	✓
4/11/22	2:39PM	✓	✓	✓	✓
4/11/22	2:48PM	✓	✓	✓	✓

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Relinquished By:

Received By:

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

Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

Relinquished By:

Received By:

Delivered By: (Circle One)

Received By:

Sampler - UPS - Bus - Other:

Received By:

Delivered By: (Circle One)

Received By:

Sampler - UPS - Bus - Other:

Received By:

Delivered By: (Circle One)

Received By:

Sampler - UPS - Bus - Other:

Received By:

Delivered By: (Circle One)

Received By:

Sampler - UPS - Bus - Other:

Received By:

Delivered By: (Circle One)

Received By:

Sampler - UPS - Bus - Other:

Received By:



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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:			
City: Hobbs		Attn:			
Phone #: 575-397-6388		Address:			
Fax #: 575-397-0397		City:			
Project #: Project Owner: Oxy		State:			
Project Name: NHU SAT #31 3/10/22		Zip:			
Project Location: NEW MEXICO		Phone #:			
Sample Name: SIMON		Fax #:			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	CL	BTX	TPH EXT
H221592	41	BS @ 1'		GROUNDWATER			4/11/22	2:55PM	✓	✓	✓
	42	BS @ 1'		WASTEWATER			4/11/22	3:06PM	✓	✓	✓
	43	BS @ 1'		SOIL			4/11/22	3:12PM	✓	✓	✓
	44	BS @ 1'		OIL			4/11/22	3:20PM	✓	✓	✓
	45	BS @ 1'		SLUDGE			4/11/22	3:28PM	✓	✓	✓
	46	BS @ 1'		OTHER :			4/11/22	3:36PM	✓	✓	✓
	47	BS @ 1'		ACID/BASE:			4/11/22	3:45PM	✓	✓	✓
	48	BS @ 1'		ICE / COOL			4/11/22	3:52PM	✓	✓	✓
	49	BS @ 1'		OTHER :			4/11/22	3:58PM	✓	✓	✓
	50	BS @ 1'					4/11/22	4:05PM	✓	✓	✓

Relinquished By: Simon Brunson	Date: 4-18-22	Received By: Cliff Brunson	Date: 4-18-22
Relinquished By: [Signature]	Date: 4-18-22	Received By: [Signature]	Date: 4-18-22
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -10.0°C C-0.5°C	Time: 10:50	Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) [Signature]
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: _____			



ARDINAL LABORATORIES
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

60-20

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:											
Project Name: NHU SAT #31 3/10/22		Zip:											
Project Location: NEW MEXICO		Phone #:											
Sampler Name: SIMON		Fax #:											
FOR LAB USE ONLY													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING	
								GROUNDWATER					
								WASTEWATER					
								SOIL					
								OIL					
								SLUDGE					
								OTHER :					
								ACID/BASE:					
								ICE / COOL					
								OTHER :					
								DATE		TIME			
H22592		51		BS @ 1'				4/11/22		4:12PM		✓	
52		52		BS @ 1'				4/11/22		4:18PM		✓	
53		53		BS @ 1'				4/11/22		4:25PM		✓	
54		54		BS @ 1'				4/11/22		4:33PM		✓	
55		55		BS @ 1'				4/11/22		4:40PM		✓	
56		56		BS @ 1'				4/11/22		4:45PM		✓	
57		57		BS @ 1'				4/11/22		4:52PM		✓	
58		58		BS @ 1'				4/11/22		4:58PM		✓	
59		59		BS @ 1'				4/11/22		5:10PM		✓	
60		60		BS @ 1'				4/11/22		5:16PM		✓	
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Relinquished By:		Date: 4-18-22		Received By:		Date: 4-18-22		Time: 8:00 AM		Sample Condition		CHECKED BY:	
Simon Jones				Simon Jones						Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Initials	
Relinquished By:		Date: 4-18-22		Received By:		Date: 4-18-22		Time: 16:50		Sample Condition		CHECKED BY:	
Simon Jones				Simon Jones						Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Initials	
Delivered By: (Circle One)		-10.0°C C-0.5°C		-10.0°C C-0.5°C		-10.0°C C-0.5°C		-10.0°C C-0.5°C		-10.0°C C-0.5°C		-10.0°C C-0.5°C	
Sampler - UPS - Bus - Other:		-10.5°C #113		-10.5°C #113		-10.5°C #113		-10.5°C #113		-10.5°C #113		-10.5°C #113	
REMARKS:													
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101 East Marland, Hobbs, NM 88240

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: NHU SAT #31 3/10/22 Project Location: NEW MEXICO Sampler Name: SIMON FOR LAB USE ONLY				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST			
Lab I.D. H221592		Sample I.D.		DATE TIME		CL BTEX TPH Ext TPH Ext					
61 BS @ 1' 62 BS @ 1' 63 BS @ 1' 64 BS @ 1' 65 BS @ 1' 66 BS @ 1' 67 BS @ 1' 68 BS @ 1' 69 BS @ 1' 70 BS @ 1'		61 BS @ 1' 62 BS @ 1' 63 BS @ 1' 64 BS @ 1' 65 BS @ 1' 66 BS @ 1' 67 BS @ 1' 68 BS @ 1' 69 BS @ 1' 70 BS @ 1'		4/12/22 7:30AM 4/12/22 7:41AM 4/12/22 7:51AM 4/12/22 8:02AM 4/12/22 8:10AM 4/12/22 8:17AM 4/12/22 8:25AM 4/12/22 8:34AM 4/12/22 8:42AM 4/12/22 8:50AM		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓			
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Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Time: 8:00 AM Date: 4-18-22 Received By: Time: 1:50 PM Date: 4-18-22		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> CHECKED BY: (Initials) <i>[Signature]</i>		Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476					

**CARDINAL LABORATORIES**
 101 East Marland, Hobbs, NM 88240
 (505) 393-2326 FAX (505) 393-2476
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

802

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 State: NM Zip: 88241 Fax #: 575-397-0397 Project #: Project Name: NHU SAT #31 3/10/22 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. H221592		ANALYSIS REQUEST	
Sample I.D. 71 72 73 74 75 76 77 78 79 80		(G)RAB OR (C)OMP. # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: DATE TIME	
71 BS @ 1' 72 BS @ 1' 73 BS @ 1' 74 BS @ 1' 75 BS @ 1' 76 BS @ 1' 77 BS @ 1' 78 BS @ 1' 79 BS @ 1' 80 BS @ 1'		4/12/22 9:02AM 4/12/22 9:12AM 4/12/22 9:20AM 4/12/22 9:28AM 4/12/22 9:38AM 4/12/22 9:47AM 4/12/22 9:56AM 4/12/22 10:05AM 4/12/22 10:15AM 4/12/22 10:24AM	
CL BTEX TPH EXT		YES YES YES YES YES YES YES YES YES YES	
Relinquished By: Simon Date: 4-18-22 Received By: [Signature] Date: 4-18-22 Sample Condition: Intact Checked By: [Signature] (Initials)		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #: REMARKS:	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

90795

Company Name: BBC International, Inc.
Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: NHU SAT #31 3/10/22

Project Location: NEW MEXICO

Sample Name: SIMON

FOR LAB USE ONLY

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

Lab I.D.

Sample I.D.

H24592

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	CL	BTEX	TPH EXT
81	BS @ 1'			GROUNDWATER			4/12/22	10:32AM	✓	✓	✓
82	BS @ 1'			WASTEWATER			4/12/22	10:40AM	✓	✓	✓
83	BS @ 1'			SOIL			4/12/22	10:49AM	✓	✓	✓
84	BS @ 1'			OIL			4/12/22	10:57AM	✓	✓	✓
85	BS @ 1'			SLUDGE			4/12/22	11:07AM	✓	✓	✓
86	BS @ 1'			OTHER :			4/12/22	11:18AM	✓	✓	✓
87	BS @ 1'			ACID/BASE:			4/12/22	11:29AM	✓	✓	✓
88	BS @ 1'			ICE / COOL			4/12/22	11:37AM	✓	✓	✓
89	BS @ 1'			OTHER :			4/12/22	11:50AM	✓	✓	✓
90	BS @ 1'						4/12/22	11:58AM	✓	✓	✓

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Relinquished By:

Date: 4-18-22 Received By:

Relinquished By:

Date: 4-18-22 Received By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

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

CHECKED BY:

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

REMARKS:

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



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

April 25, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NHU SAT #31

Enclosed are the results of analyses for samples received by the laboratory on 04/18/22 16:50.

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

May 02, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NHU SAT #31

Enclosed are the results of analyses for samples received by the laboratory on 04/29/22 16:29.

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 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: 04/29/2022
 Reported: 05/02/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 142 A @ 2' (H221794-01)

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	05/02/2022	ND	1.96	97.9	2.00	4.70	
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.2	2.00	4.50	
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.85	92.6	2.00	4.45	
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	4.61	
Total BTEx	<0.300	0.300	05/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	05/02/2022	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	05/02/2022	ND	189	94.4	200	4.60	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	183	91.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.7 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/29/2022
 Reported: 05/02/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW 2 A (H221794-02)

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	05/02/2022	ND	1.96	97.9	2.00	4.70		
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.2	2.00	4.50		
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.85	92.6	2.00	4.45		
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	4.61		
Total BTEx	<0.300	0.300	05/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	05/02/2022	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	05/02/2022	ND	189	94.4	200	4.60	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	183	91.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.4 % 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: 04/29/2022
 Reported: 05/02/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW 7 A (H221794-03)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/02/2022	ND	1.96	97.9	2.00	4.70		
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.2	2.00	4.50		
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.85	92.6	2.00	4.45		
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	4.61		
Total BTEx	<0.300	0.300	05/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	05/02/2022	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	05/02/2022	ND	189	94.4	200	4.60	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	183	91.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.5 % 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: 04/29/2022
 Reported: 05/02/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW 8 A (H221794-04)

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	05/02/2022	ND	1.96	97.9	2.00	4.70		
Toluene*	<0.050	0.050	05/02/2022	ND	1.94	97.2	2.00	4.50		
Ethylbenzene*	<0.050	0.050	05/02/2022	ND	1.85	92.6	2.00	4.45		
Total Xylenes*	<0.150	0.150	05/02/2022	ND	5.75	95.8	6.00	4.61		
Total BTEX	<0.300	0.300	05/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	05/02/2022	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	05/02/2022	ND	189	94.4	200	4.60	
DRO >C10-C28*	<10.0	10.0	05/02/2022	ND	183	91.5	200	0.798	
EXT DRO >C28-C36	<10.0	10.0	05/02/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.9 % 59.5-142

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*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 State: NM Zip: 88241 Fax #: 575-397-0397 Project #: Project Name: NHU SAT #31 - 3-10-22 Project Location: New Mexico Project Owner: Oxy Sample Name: Simon Rendon		BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST													
FOR LAB USE ONLY Lab I.D. BS142A @ 2' SW 2A SW 7A SW 8A		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING		DATE TIME		BTEX TPH Ext Chloride									
Relinquished By: [Signature] Date: 4-29-22 Time: 1:09 PM Received By: [Signature] Date: 4-29-22 Time: 1:09 PM		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: [Signature] (initials)		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #: REMARKS: Rush													

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



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

Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 181 BS @ 1' (H221594-01)

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	04/21/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85		
Total BTEX	<0.300	0.300	04/21/2022	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	32.0	16.0	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.2 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 182 BS @ 1' (H221594-02)

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	04/21/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	34.9	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	25.3	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 82.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.1 % 59.5-142

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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 183 BS @ 1' (H221594-03)

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	04/21/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85		
Total BTX	<0.300	0.300	04/21/2022	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	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	31.5	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	20.4	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 84.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 184 BS @ 1' (H221594-04)

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	04/21/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85		
Total BTEx	<0.300	0.300	04/21/2022	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	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	31.7	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	24.8	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.7 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 185 BS @ 1' (H221594-05)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85		
Total BTEx	<0.300	0.300	04/21/2022	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	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	19.6	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	13.5	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 90.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.0 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 186 BS @ 1' (H221594-06)

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	04/21/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85		
Total BTEx	<0.300	0.300	04/21/2022	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	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	17.6	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	10.8	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 89.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.1 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 187 BS @ 1' (H221594-07)

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	04/21/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85		
Total BTEx	<0.300	0.300	04/21/2022	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	04/21/2022	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	04/21/2022	ND	194	97.1	200	5.71	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	200	100	200	6.25	
EXT DRO >C28-C36	12.2	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.2 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 188 BS @ 1' (H221594-08)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85		
Total BTEx	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	10.6	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	12.7	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 90.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.9 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 189 BS @ 1' (H221594-09)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85		
Total BTEx	<0.300	0.300	04/21/2022	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	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	15.7	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	18.3	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 99.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 190 BS @ 1' (H221594-10)

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	04/21/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85		
Total BTEx	<0.300	0.300	04/21/2022	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	32.0	16.0	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	13.6	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	17.2	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 91.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.7 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 191 BS @ 1' (H221594-11)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85		
Total BTEx	<0.300	0.300	04/21/2022	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	32.0	16.0	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 192 BS @ 1' (H221594-12)

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	04/21/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85		
Total BTX	<0.300	0.300	04/21/2022	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	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	10.4	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	12.5	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 85.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.7 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 193 BS @ 1' (H221594-13)

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	04/21/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85		
Total BTEx	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	11.8	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	14.1	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.0 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 194 BS @ 1' (H221594-14)

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	04/21/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 91.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.7 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/13/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 195 BS @ 1' (H221594-15)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85		
Total BTEx	<0.300	0.300	04/21/2022	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	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	10.8	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	11.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.7 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 196 BS @ 1' (H221594-16)

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	04/21/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/21/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	6.00	99.9	6.00	9.85		
Total BTEx	<0.300	0.300	04/21/2022	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	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	11.7	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	14.4	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 197 BS @ 1' (H221594-17)

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	04/22/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.00	99.9	6.00	9.85		
Total BTEx	<0.300	0.300	04/22/2022	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	32.0	16.0	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	11.0	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	14.2	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 97.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 198 BS @ 1' (H221594-18)

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	04/22/2022	ND	1.98	99.0	2.00	8.96		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	98.2	2.00	8.71		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.93	96.7	2.00	9.47		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.00	99.9	6.00	9.85		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	22.7	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	31.6	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 199 BS @ 1' (H221594-19)

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	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTEx	<0.300	0.300	04/22/2022	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	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	25.4	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	36.7	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 200 BS @ 1' (H221594-20)

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	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	19.4	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	28.3	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 201 BS @ 1' (H221594-21)

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	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTEX	<0.300	0.300	04/22/2022	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	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	17.1	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	26.4	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 202 BS @ 1' (H221594-22)

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	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTX	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	21.7	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	28.9	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 98.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 203 BS @ 1' (H221594-23)

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	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTX	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	12.6	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	18.2	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 98.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 204 BS @ 1' (H221594-24)

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	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTX	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/21/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	14.5	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	21.4	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 205 BS @ 1' (H221594-25)

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	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTX	<0.300	0.300	04/22/2022	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	04/21/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	16.0	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	20.5	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.2 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 206 BS @ 1' (H221594-26)

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	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTX	<0.300	0.300	04/22/2022	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	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	15.2	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	23.2	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 207 BS @ 1' (H221594-27)

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	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTX	<0.300	0.300	04/22/2022	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	04/21/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	210	105	200	6.70	
DRO >C10-C28*	14.6	10.0	04/21/2022	ND	203	102	200	4.79	
EXT DRO >C28-C36	19.7	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 208 BS @ 1' (H221594-28)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTEx	<0.300	0.300	04/22/2022	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	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 209 BS @ 1' (H221594-29)

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	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	20.6	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	25.7	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 98.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 210 BS @ 1' (H221594-30)

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	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTX	<0.300	0.300	04/22/2022	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	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	18.4	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	19.3	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 90.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.8 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 211 BS @ 1' (H221594-31)

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	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTX	<0.300	0.300	04/22/2022	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	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	10.2	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	11.1	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 88.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.5 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 212 BS @ 1' (H221594-32)

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	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTX	<0.300	0.300	04/22/2022	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	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	12.7	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 93.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 213 BS @ 1' (H221594-33)

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	04/22/2022	ND	1.97	98.7	2.00	5.41	
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34	
Total BTX	<0.300	0.300	04/22/2022	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	48.0	16.0	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	10.4	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	11.7	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 82.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.5 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 214 BS @ 1' (H221594-34)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	10.6	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	11.2	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 79.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 215 BS @ 1' (H221594-35)

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	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTX	<0.300	0.300	04/22/2022	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	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	11.2	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	12.8	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 88.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 216 BS @ 1' (H221594-36)

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	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTX	<0.300	0.300	04/22/2022	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	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 84.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 217 BS @ 1' (H221594-37)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTEx	<0.300	0.300	04/22/2022	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	32.0	16.0	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 95.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 218 BS @ 1' (H221594-38)

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	04/22/2022	ND	1.97	98.7	2.00	5.41		
Toluene*	<0.050	0.050	04/22/2022	ND	1.96	97.9	2.00	4.31		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	1.92	96.0	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	5.94	99.0	6.00	5.34		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 90.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 219 BS @ 1' (H221594-39)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 220 BS @ 1' (H221594-40)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 221 BS @ 1' (H221594-41)

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	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTEX	<0.300	0.300	04/22/2022	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	32.0	16.0	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 82.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.9 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 222 BS @ 1' (H221594-42)

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	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.7 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 223 BS @ 1' (H221594-43)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 76.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.2 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 224 BS @ 1' (H221594-44)

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	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 92.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 225 BS @ 1' (H221594-45)

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	04/22/2022	ND	2.13	106	2.00	3.48	
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11	
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81	
Total BTX	<0.300	0.300	04/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 92.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 226 BS @ 1' (H221594-46)

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	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 95.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 227 BS @ 1' (H221594-47)

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	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	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	04/21/2022	ND	197	98.5	200	3.87	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	213	107	200	3.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 228 BS @ 1' (H221594-48)

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	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTX	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/21/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	203	101	200	1.46	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	203	102	200	4.63	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 229 BS @ 1' (H221594-49)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	203	101	200	1.46	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	203	102	200	4.63	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 230 BS @ 1' (H221594-50)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	203	101	200	1.46	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	203	102	200	4.63	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 90.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.1 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 231 BS @ 1' (H221594-51)

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	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	203	101	200	1.46	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	203	102	200	4.63	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 86.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 232 BS @ 1' (H221594-52)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	203	101	200	1.46	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	203	102	200	4.63	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 233 BS @ 1' (H221594-53)

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	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTX	<0.300	0.300	04/22/2022	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	48.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	203	101	200	1.46	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	203	102	200	4.63	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 234 BS @ 1' (H221594-54)

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	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	203	101	200	1.46	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	203	102	200	4.63	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 88.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.0 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 235 BS @ 1' (H221594-55)

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	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	203	101	200	1.46	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	203	102	200	4.63	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.6 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 236 BS @ 1' (H221594-56)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTEX	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	203	101	200	1.46	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	203	102	200	4.63	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 76.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 75.3 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 237 BS @ 1' (H221594-57)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	226	113	200	6.45	
DRO >C10-C28*	12.5	10.0	04/21/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.6 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 238 BS @ 1' (H221594-58)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2022	ND	2.13	106	2.00	3.48		
Toluene*	<0.050	0.050	04/22/2022	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/22/2022	ND	2.01	101	2.00	4.11		
Total Xylenes*	<0.150	0.150	04/22/2022	ND	6.25	104	6.00	3.81		
Total BTEx	<0.300	0.300	04/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	226	113	200	6.45	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 239 BS @ 1' (H221594-59)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	12.4		
Toluene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	13.1		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.81	90.3	2.00	13.2		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.8	6.00	13.6		
Total BTEx	<0.300	0.300	04/21/2022	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	64.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	226	113	200	6.45	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.2 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 240 BS @ 1' (H221594-60)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	12.4		
Toluene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	13.1		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.81	90.3	2.00	13.2		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.8	6.00	13.6		
Total BTEX	<0.300	0.300	04/21/2022	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	48.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	226	113	200	6.45	
DRO >C10-C28*	12.7	10.0	04/21/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.6 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 241 BS @ 1' (H221594-61)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	12.4		
Toluene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	13.1		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.81	90.3	2.00	13.2		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.8	6.00	13.6		
Total BTEx	<0.300	0.300	04/21/2022	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	80.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	226	113	200	6.45	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.4 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 242 BS @ 1' (H221594-62)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	12.4		
Toluene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	13.1		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.81	90.3	2.00	13.2		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.8	6.00	13.6		
Total BTX	<0.300	0.300	04/21/2022	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	80.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	226	113	200	6.45	
DRO >C10-C28*	<10.0	10.0	04/21/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 69.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 70.5 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 243 BS @ 1' (H221594-63)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	12.4		
Toluene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	13.1		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.81	90.3	2.00	13.2		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.8	6.00	13.6		
Total BTEX	<0.300	0.300	04/21/2022	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	64.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	226	113	200	6.45	
DRO >C10-C28*	10.5	10.0	04/22/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 98.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.4 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 244 BS @ 1' (H221594-64)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	12.4		
Toluene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	13.1		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.81	90.3	2.00	13.2		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.8	6.00	13.6		
Total BTX	<0.300	0.300	04/21/2022	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	80.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	226	113	200	6.45	
DRO >C10-C28*	11.3	10.0	04/21/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 78.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.9 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 245 BS @ 1' (H221594-65)

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	04/21/2022	ND	1.89	94.4	2.00	12.4	
Toluene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	13.1	
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.81	90.3	2.00	13.2	
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.8	6.00	13.6	
Total BTX	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	226	113	200	6.45	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 71.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 70.1 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 246 BS @ 1' (H221594-66)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	12.4		
Toluene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	13.1		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.81	90.3	2.00	13.2		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.8	6.00	13.6		
Total BTEx	<0.300	0.300	04/21/2022	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	80.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	226	113	200	6.45	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 76.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.0 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 247 BS @ 1' (H221594-67)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	12.4		
Toluene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	13.1		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.81	90.3	2.00	13.2		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.8	6.00	13.6		
Total BTEx	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	226	113	200	6.45	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 80.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.9 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: 248 BS @ 1' (H221594-68)

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	04/21/2022	ND	1.89	94.4	2.00	12.4		
Toluene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	13.1		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.81	90.3	2.00	13.2		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.8	6.00	13.6		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/21/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	226	113	200	6.45	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 83.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.2 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 1 (H221594-69)

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	04/21/2022	ND	1.89	94.4	2.00	12.4		
Toluene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	13.1		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.81	90.3	2.00	13.2		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.8	6.00	13.6		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/21/2022	ND	432	108	400	3.77		

TPH 8015M			mg/kg							
			Analyzed By: JH							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	226	113	200	6.45		
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	210	105	200	8.07		
EXT DRO >C28-C36	10.8	10.0	04/22/2022	ND						

Surrogate: 1-Chlorooctane 89.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 2 (H221594-70)

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	04/21/2022	ND	1.89	94.4	2.00	12.4		
Toluene*	<0.050	0.050	04/21/2022	ND	1.89	94.4	2.00	13.1		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.81	90.3	2.00	13.2		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.63	93.8	6.00	13.6		
Total BTX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/21/2022	ND	432	108	400	3.77		

TPH 8015M			mg/kg							
			Analyzed By: JH							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	226	113	200	6.45		
DRO >C10-C28*	59.5	10.0	04/22/2022	ND	210	105	200	8.07		
EXT DRO >C28-C36	58.9	10.0	04/22/2022	ND						

Surrogate: 1-Chlorooctane 95.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 3 (H221594-71)

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	04/23/2022	ND	2.16	108	2.00	4.24		
Toluene*	<0.050	0.050	04/23/2022	ND	2.15	107	2.00	3.83		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	105	2.00	3.93		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.53	109	6.00	4.51		
Total BTX	<0.300	0.300	04/23/2022	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	80.0	16.0	04/21/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	226	113	200	6.45	
DRO >C10-C28*	11.0	10.0	04/22/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 81.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.5 % 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: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 4 (H221594-72)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	2.16	108	2.00	4.24		
Toluene*	<0.050	0.050	04/23/2022	ND	2.15	107	2.00	3.83		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	105	2.00	3.93		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.53	109	6.00	4.51		
Total BTEx	<0.300	0.300	04/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/21/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	226	113	200	6.45	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 81.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 5 (H221594-73)

BTEx 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/23/2022	ND	2.16	108	2.00	4.24		
Toluene*	<0.050	0.050	04/23/2022	ND	2.15	107	2.00	3.83		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	105	2.00	3.93		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.53	109	6.00	4.51		
Total BTEx	<0.300	0.300	04/23/2022	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	64.0	16.0	04/21/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	226	113	200	6.45	
DRO >C10-C28*	14.3	10.0	04/22/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 6 (H221594-74)

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	04/23/2022	ND	2.16	108	2.00	4.24		
Toluene*	<0.050	0.050	04/23/2022	ND	2.15	107	2.00	3.83		
Ethylbenzene*	<0.050	0.050	04/23/2022	ND	2.11	105	2.00	3.93		
Total Xylenes*	<0.150	0.150	04/23/2022	ND	6.53	109	6.00	4.51		
Total BTX	<0.300	0.300	04/23/2022	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	80.0	16.0	04/21/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	226	113	200	6.45	
DRO >C10-C28*	<10.0	10.0	04/22/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	<10.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 85.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 7 (H221594-75)

BTEx 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2022	ND	1.96	98.1	2.00	4.15	QR-03
Toluene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	4.45	QR-03
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.85	92.6	2.00	4.12	QR-03
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.81	96.9	6.00	3.61	
Total BTEx	<0.300	0.300	04/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/21/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	226	113	200	6.45	
DRO >C10-C28*	60.9	10.0	04/22/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	73.0	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 8 (H221594-76)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.96	98.1	2.00	4.15		
Toluene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	4.45		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.85	92.6	2.00	4.12		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.81	96.9	6.00	3.61		
Total BTEx	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/21/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2022	ND	226	113	200	6.45	
DRO >C10-C28*	59.8	10.0	04/22/2022	ND	210	105	200	8.07	
EXT DRO >C28-C36	62.3	10.0	04/22/2022	ND					

Surrogate: 1-Chlorooctane 92.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 9 (H221594-77)

BTEx 8021B			mg/kg							
			Analyzed By: MS/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.96	98.1	2.00	4.15		
Toluene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	4.45		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.85	92.6	2.00	4.12		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.81	96.9	6.00	3.61		
Total BTEX	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	ND	432	108	400	3.77		

TPH 8015M			mg/kg							
			Analyzed By: CK							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	221	110	200	5.09		
DRO >C10-C28*	24.6	10.0	04/21/2022	ND	241	121	200	2.34		
EXT DRO >C28-C36	35.3	10.0	04/21/2022	ND						

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/18/2022
 Reported: 04/25/2022
 Project Name: NHU SAT #31
 Project Number: 3/10/22
 Project Location: LEA COUNTY, NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 10 (H221594-78)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/21/2022	ND	1.96	98.1	2.00	4.15		
Toluene*	<0.050	0.050	04/21/2022	ND	1.93	96.7	2.00	4.45		
Ethylbenzene*	<0.050	0.050	04/21/2022	ND	1.85	92.6	2.00	4.12		
Total Xylenes*	<0.150	0.150	04/21/2022	ND	5.81	96.9	6.00	3.61		
Total BTEx	<0.300	0.300	04/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/21/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2022	ND	221	110	200	5.09	
DRO >C10-C28*	23.5	10.0	04/21/2022	ND	241	121	200	2.34	
EXT DRO >C28-C36	26.7	10.0	04/21/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
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



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.		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: NHU SAT #31 3/10/22		Zip:											
Project Location: NEW MEXICO		Phone #:											
Sample 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 :					
								DATE		TIME			
1		181 BS @ 1'		1		1		4/13/22		2:10PM		✓	
2		182 BS @ 1'		1		1		4/13/22		2:19PM		✓	
3		183 BS @ 1'		1		1		4/13/22		2:27PM		✓	
4		184 BS @ 1'		1		1		4/13/22		2:38PM		✓	
5		185 BS @ 1'		1		1		4/13/22		2:47PM		✓	
6		186 BS @ 1'		1		1		4/13/22		2:56PM		✓	
7		187 BS @ 1'		1		1		4/13/22		3:05PM		✓	
8		188 BS @ 1'		1		1		4/13/22		3:15PM		✓	
9		189 BS @ 1'		1		1		4/13/22		3:23PM		✓	
10		190 BS @ 1'		1		1		4/13/22		3:30PM		✓	
<small>PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising out of or from this contract or for any claim arising out of or from this contract 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 interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>													
Relinquished By:		Date: 4-18-22		Received By:		Date: 4-18-22		Time: 8:00 AM		Received By:		Time: 8:00 AM	
Relinquished By:		Date: 4-18-22		Received By:		Date: 4-18-22		Time: 8:00 AM		Received By:		Time: 8:00 AM	
Delivered By: (Circle One)		-10.0°C -0.5°C		-10.0°C -0.5°C		-10.0°C -0.5°C		-10.0°C -0.5°C		-10.0°C -0.5°C		-10.0°C -0.5°C	
Sampler - UPS - Bus - Other:		-10.5°C #113		-10.5°C #113		-10.5°C #113		-10.5°C #113		-10.5°C #113		-10.5°C #113	
Sample Condition		Cool		Intact		Yes		Yes		Yes		Yes	
CHECKED BY:		(Initials)		(Initials)		(Initials)		(Initials)		(Initials)		(Initials)	
Phone Result:		Yes		No		Add'l Phone #:		Add'l Phone #:		Add'l Phone #:		Add'l Phone #:	
Fax Result:		Yes		No		Add'l Fax #:		Add'l Fax #:		Add'l Fax #:		Add'l Fax #:	
REMARKS:													

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

**CARDINAL LABORATORIES**

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: NHU SAT #31 3/10/22

Project Location: NEW MEXICO

Sampler Name: SIMON

FOR LAB USE ONLY

BILL TO**ANALYSIS REQUEST**

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

Lab I.D.

Sample I.D.

#281594

11 191 BS @ 1'
12 192 BS @ 1'
13 193 BS @ 1'
14 194 BS @ 1'
15 195 BS @ 1'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE TIME

4/13/22 3:39PM
4/13/22 3:47PM
4/13/22 3:55PM
4/13/22 4:05PM
4/13/22 4:12PM

CL
BTX
TPH EXT

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

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Date: 4-18-22 Received By: Simon

Date: 4-18-22 Received By: Simon

Date: 4-18-22 Received By: Simon

Date: 4-18-22 Received By: Simon

Date: 4-18-22 Received By: Simon

Date: 4-18-22 Received By: Simon

Date: 4-18-22 Received By: Simon

Date: 4-18-22 Received By: Simon

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

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. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: NHU SAT #31 3/10/22 Project Location: NEW MEXICO Sampler Name: SIMON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
BILL TO				ANALYSIS REQUEST			
FOR LAB USE ONLY							
Lab I.D. 160594 8/17/22		Sample I.D. (G)RAB OR (C)OMP. # CONTAINERS		MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		PRESERV. SAMPLING	
16 196 BS @ 1' 17 197 BS @ 1' 18 198 BS @ 1' 19 199 BS @ 1' 20 200 BS @ 1'		DATE 4/14/22 7:35AM 4/14/22 7:43AM 4/14/22 7:50AM 4/14/22 7:58AM 4/14/22 8:06AM		TIME CL BTEX TPH EXT			
Relinquished By: <i>Samuel</i> Date: 4/18/22 Received By: <i>Samuel</i> Date: 4/18/22 Relinquished By: <i>Samuel</i> Date: 4/18/22 Received By: <i>Samuel</i> Date: 4/18/22				Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> CHECKED BY: <i>Samuel</i> (initials) Delivered By: (Circle One) -10.02 JC-0.52 Sampler - UPS - Bus - Other: -10.52 #113			
REMARKS: Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476				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 #:			



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:													
Phone #: 575-397-6388		Address:													
Fax #: 575-397-0397		City:													
Project #: Project Owner: Oxy		State:													
Project Name: NHU SAT #31 3/10/22		Zip:													
Project Location: NEW MEXICO		Phone #:													
Sampler Name: SIMON		Fax #:													
FOR LAB USE ONLY															
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING						
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :			
173A1594	201 BS @ 1'												CL		
21	202 BS @ 1'												BTEX		
23	203 BS @ 1'												TPH EXT		
24	204 BS @ 1'														
25	205 BS @ 1'														
26	206 BS @ 1'														
27	207 BS @ 1'														
28	208 BS @ 1'														
29	209 BS @ 1'														
30	210 BS @ 1'														
PLEASE NOTE: Lab fees and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether caused 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 interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated remedies or otherwise.															
Relinquished By:	Date: 4-18-22	Received By:	Date: 4-18-22												
Relinquished By: [Signature]	Time: 8:00 AM	Received By: [Signature]	Time: 10:50 AM												
Delivered By: (Circle One) -10.02 C.O.S.C	Time: 10:50 AM	Sample Condition	CHECKED BY: [Signature]												
Sampler - UPS - Bus - Other: -10.52 #113		Cool Intact	(Initials)												
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No													
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476															
REMARKS:															
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 #:															



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST					
Project Manager: Cliff Brunson		P.O. #:							
Address: P.O. Box 805		Company:	DTY						
City: Hobbs		Attn:							
Phone #: 575-397-6388		Address:							
Fax #: 575-397-0397		City:							
Project #: Project Owner: Oxy		State:							
Project Name: NHU SAT #31 3/10/22		Zip:							
Project Location: NEW MEXICO		Phone #:							
Sampler Name: SIMON		Fax #:							

FOR LAB USE ONLY

Lab I.D.		Sample I.D.		DATE		TIME		CHECK	
39	47922	39	47922	4/14/22	9:41AM	✓	✓	✓	
31	47922	31	47922	4/14/22	9:49AM	✓	✓	✓	
33	47922	33	47922	4/14/22	9:57AM	✓	✓	✓	
34	47922	34	47922	4/14/22	10:10AM	✓	✓	✓	
35	47922	35	47922	4/14/22	10:18AM	✓	✓	✓	
36	47922	36	47922	4/14/22	10:26AM	✓	✓	✓	
37	47922	37	47922	4/14/22	10:35AM	✓	✓	✓	
38	47922	38	47922	4/14/22	10:43AM	✓	✓	✓	
39	47922	39	47922	4/14/22	10:50AM	✓	✓	✓	
40	47922	40	47922	4/14/22	11:00AM	✓	✓	✓	

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Relinquished By: _____	Date: _____	_____	_____

Relinquished By: <i>Samon Ponder</i>		Date: <i>4-18-22</i>	Received By: <i>Shaeffner</i>
Relinquished By: <i>Shaeffner</i>	Date: <i>4-18-22</i>	Time: <i>5:00 PM</i>	
	Time: <i>1450</i>	Received By:	
Delivered By: (Circle One) <i>-10.0°C</i>	<i>C.O. 5°C</i>	Sample Condition	CHECKED BY: (Initials) <i>SR</i>
Sampler - UPS - Bus - Other: <i>-10.5°C #113</i>	<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		

Phone Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Phone #:
Fax Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Fax #:
REMARKS:			

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



ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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 Phone #: 575-397-6388 Project #: Project Name: NHU SAT #31 3/10/22 Project Location: NEW MEXICO Sampler Name: SIMON				P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:			
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy				CL BTEX TPH EXT			
FOR LAB USE ONLY				ANALYSIS REQUEST			
Lab I.D.				Sample I.D.			
51 53 53 54 56 57 58 59 60				231 BS @ 1' 232 BS @ 1' 233 BS @ 1' 234 BS @ 1' 235 BS @ 1' 236 BS @ 1' 237 BS @ 1' 238 BS @ 1' 239 BS @ 1' 240 BS @ 1'			
(G)RAB OR (C)OMP.				# CONTAINERS			
GROUNDWATER				WASTEWATER			
SOIL				OIL			
SLUDGE				OTHER :			
ACID/BASE:				ICE / COOL			
OTHER :				DATE TIME			
4/14/22 1:05PM				4/14/22 1:14PM			
4/14/22 1:22PM				4/14/22 1:30PM			
4/14/22 1:39PM				4/14/22 1:48PM			
4/14/22 1:57PM				4/14/22 2:08PM			
4/14/22 2:16PM				4/14/22 2:24PM			
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal. Repudiation of whatever claim is based upon any of the above stated reasons or otherwise.				Relinquished By:			
Relinquished By:				Date: 4-18-22 Time: 8:00 AM Received By:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Date: 4-18-22 Time: 10:50 Received By:			
Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				CHECKED BY: (Initials)			
REMARKS:				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:			



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
Fax #: 575-397-0397
State: NM Zip: 88241
Project #:
Project Name: NHU SAT #31 3/10/22
Project Location: NEW MEXICO
Project Owner: Oxy
Sample Name: SIMON
P.O. #:
Company: Oxy
Attn:
Address:
City:
State: Zip:
Phone #:
Fax #:

FOR LAB USE ONLY

Lab I.D. Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :												
101	241	BS @ 1'								4/14/22	2:30PM	✓	✓	✓							
102	242	BS @ 1'								4/14/22	2:39PM	✓	✓	✓							
103	243	BS @ 1'								4/14/22	2:46PM	✓	✓	✓							
104	244	BS @ 1'								4/14/22	2:55PM	✓	✓	✓							
105	245	BS @ 1'								4/14/22	3:04PM	✓	✓	✓							
106	246	BS @ 1'								4/14/22	3:12PM	✓	✓	✓							
107	247	BS @ 1'								4/14/22	3:18PM	✓	✓	✓							
108	248	BS @ 1'								4/14/22	3:20PM	✓	✓	✓							

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Relinquished By:

Sam Rourke
Date: 4-18-22
Time: 8:00AM

Received By:

Shadeigney
Date: 4-18-22
Time: 10:50

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

-10.0°C -0.5°C
-10.5°C #113

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

CHECKED BY:
(Initials)
SR

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

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



CARDINAL LABORATORIES
101 East Maryland, 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 Fax #: 575-397-0397 Project #: Project Name: NHU SAT #31 3/10/22 Project Location: NEW MEXICO Sampler Name: SIMON		P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:	
BILL TO			
FOR LAB USE ONLY			
Lab I.D. H21594 109 70 71 72 73 74 75 76 77 78	Sample I.D. SIDEWALL 1 SIDEWALL 2 SIDEWALL 3 SIDEWALL 4 SIDEWALL 5 SIDEWALL 6 SIDEWALL 7 SIDEWALL 8 SIDEWALL 9 SIDEWALL 10	<input checked="" type="checkbox"/> (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERV SAMPLING
		DATE 4/14/22 4/14/22 4/14/22 4/14/22 4/14/22 4/14/22 4/14/22 4/14/22 4/14/22 4/14/22	TIME 3:34PM 3:40PM 3:50PM 3:57PM 4:05PM 4:12PM 4:20PM 4:27PM 4:35PM 4:43PM
		CL BTEX TPH EXT	
Relinquished By: Simon Date: 4-18-22 Time: 8:00am		Received By: [Signature] Date: 4-18-22 Time: 10:50	
Delivered By: (Circle One) -ID.02 -ID.05 -ID.08 #113		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Checked By: [Signature] (Initials)	
Sampler - UPS - Bus - Other:		REMARKS:	

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 119697

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 119697
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	7/6/2022