

## Closure Report

ID#: nAPP2035167923, nAPP2209067808, nAPP2233661040

### Site Description

Site Name:	NORTH HOBBS CTB
Company:	Oxy USA, Inc.
Legal Description:	U/L D, Section 10, T19S, R38E
County:	Lea County, NM
GPS Coordinates:	N 32.67942 , W -103.14262 , N 32.7717238 , W-103.17836

### Release Data

Date of Release:	12/1/20, 10/01/22 ,3/23/22 ,
Type of Release:	Produced water, Cude Oil
Source of Release:	Tanks Overflowed ,Line rupture , Equipent failure
Volume of Release:	50bbbls 18bbbls , 58 bbbls 64 bbs ,10 bbbls
Volume Recovered:	45bbbls 15bbbls, 0bbbls 47 bbbls ,2bbbls

### Remediation Specifications

Remediation Parameters:	OXY Excavated the spill area as depicted on the following site diagram as a Risk Remediation plan . The Leak areas ( PURPLE shade on diagram ) was excavated to a depth of 1 foot . The Leak area (BLUE shade on diagram ) was excavated to a depth of 2 feet .The Leak area (GREEN shade on diagram ) was excavated to a depth of 3 feet. Bottom and sidewall confirmation samples was collected at no greater than 200 square feet intervals.Depth to water of 100 feet was determined by NM State Engineer water well data which is
Remediation Activities:	included in the report.

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

### Supporting Documentation

C-141, page 6	signed and included
Site Diagram	Google Earth map with excavation depths & confirmation sample points
Pictures	Remediation photos
Lab Summary/Analysis	Confirmation lab summary/analysis report for 8/3/23-8/8/24/23
Notifications	07/28/23, 0731/23

### Request for Closure

Based on the completion of the remediation plan< OXY requests closure approval from NMOCD.

Cliff Brunson, President of BBC International Inc.

12/5/2023



Form C-141

Page 6

State of New Mexico  
Oil Conservation Division

Incident ID	nAPP2035167923
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 CoordinatorSignature:  Date: 12-5-23email: 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: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



Form C-141

Page 6

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Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



**From:** [Cliff P. Brunson](#)  
**To:** [OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)  
**Cc:** [Wade Dittrich](#); [Tyson Pierce](#); [Kathy Sweeney](#); [Jennifer Gilkey](#)  
**Subject:** OXY - NHU CTB - Sampling Notification  
**Date:** Friday, July 28, 2023 4:40:29 PM

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This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the NHU CTB (12/1/20) (nAPP2035167923), (3/23/22) (nAPP2209067808), (10/1/22) (nAPP2233661040) on Wednesday, August 2, 2023 at 9:00 a.m.

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



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\*\*\*\*\*



**From:** [Wells, Shelly, EMNRD](#)  
**To:** [Cliff P. Brunson](#)  
**Cc:** [Bratcher, Michael, EMNRD](#); [Hamlet, Robert, EMNRD](#); [Velez, Nelson, EMNRD](#)  
**Subject:** RE: [EXTERNAL] OXY - NHU CTB - Sampling Notification  
**Date:** Monday, July 31, 2023 8:24:23 AM

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Good morning Cliff,

The OCD has received your notification. 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.

Thank you,

Shelly

[Shelly Wells](#) \* Environmental Specialist-Advanced  
Administrative Permitting Program  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive | Santa Fe, NM 87505  
(505)469-7520 | [Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Cliff P. Brunson <cbrunson@bbcinternational.com>  
**Sent:** Friday, July 28, 2023 4:40 PM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Cc:** Wade Dittrich <Wade\_Dittrich@oxy.com>; Tyson Pierce <tyson\_pierce@oxy.com>; Kathy Sweeney <kathys@bbcinternational.com>; Jennifer Gilkey <jgilkey@bbcinternational.com>  
**Subject:** [EXTERNAL] OXY - NHU CTB - Sampling Notification

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

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Hobbs, NM 88241-0805 USA  
Shipping Address:  
1324 W. Marland St.



**OXY-NHU CTB**

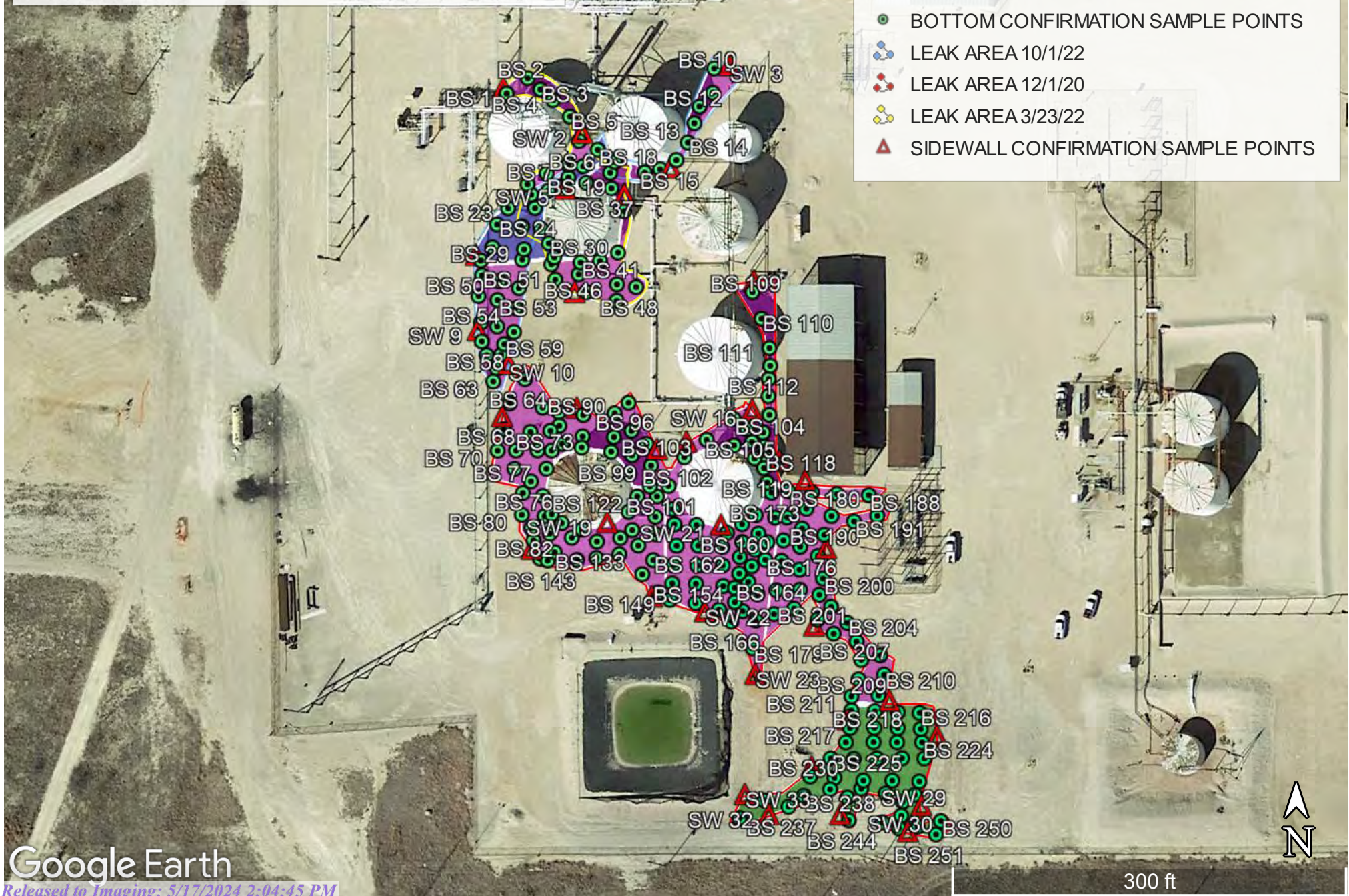
LEAK DATES :12/1/20,3/23/22,10/1/22

LEA COUNTY , NM

ID#: nAPP2035167923,nAPP2209067808,nAPP2233661040

**Legend**

- 1' EXCAVATION
- 2' EXCAVATION
- 3' EXCAVATION
- BOTTOM CONFIRMATION SAMPLE POINTS
- LEAK AREA 10/1/22
- LEAK AREA 12/1/20
- LEAK AREA 3/23/22
- ▲ SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

300 ft











# OXY-NHU CTB

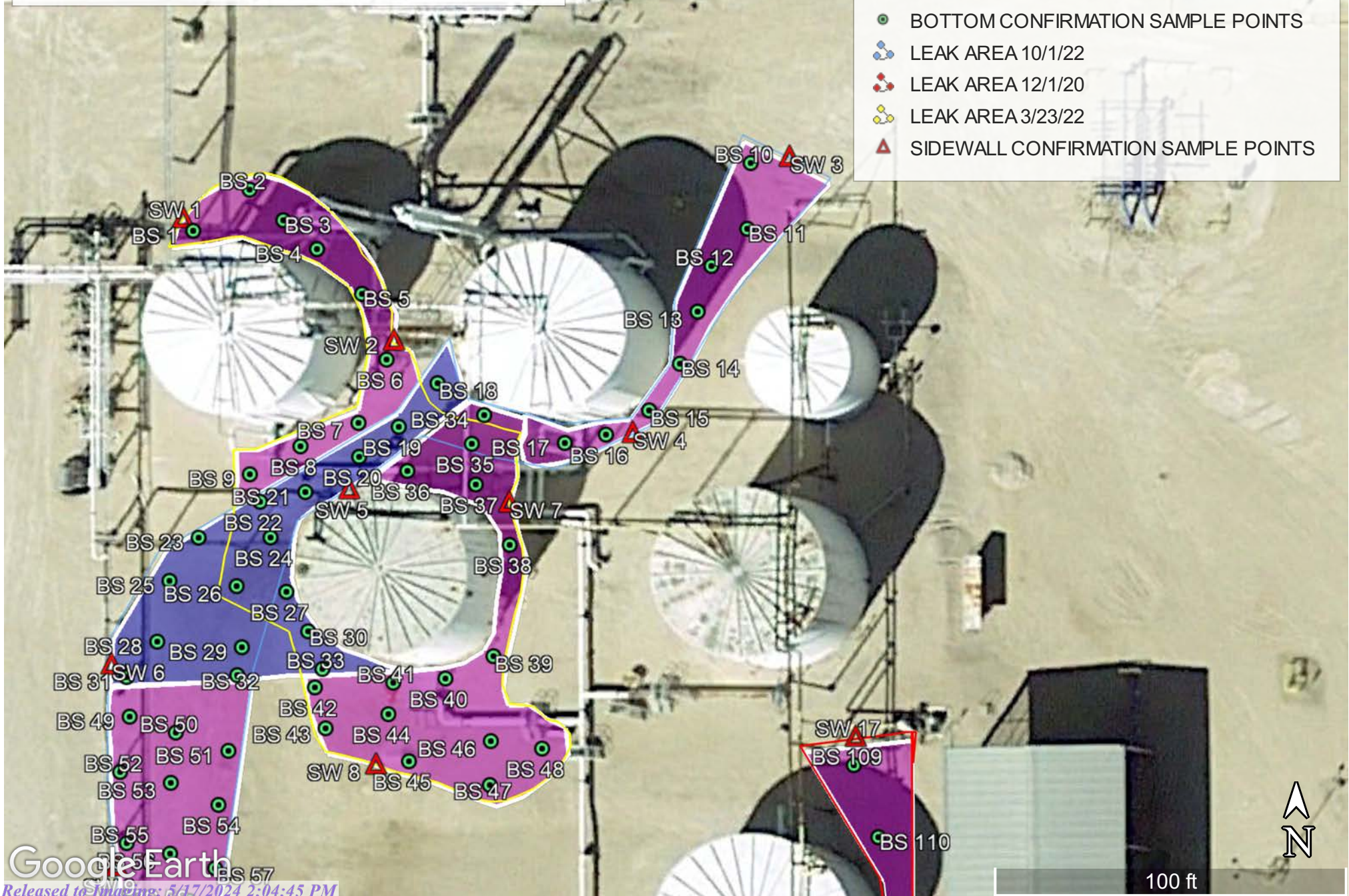
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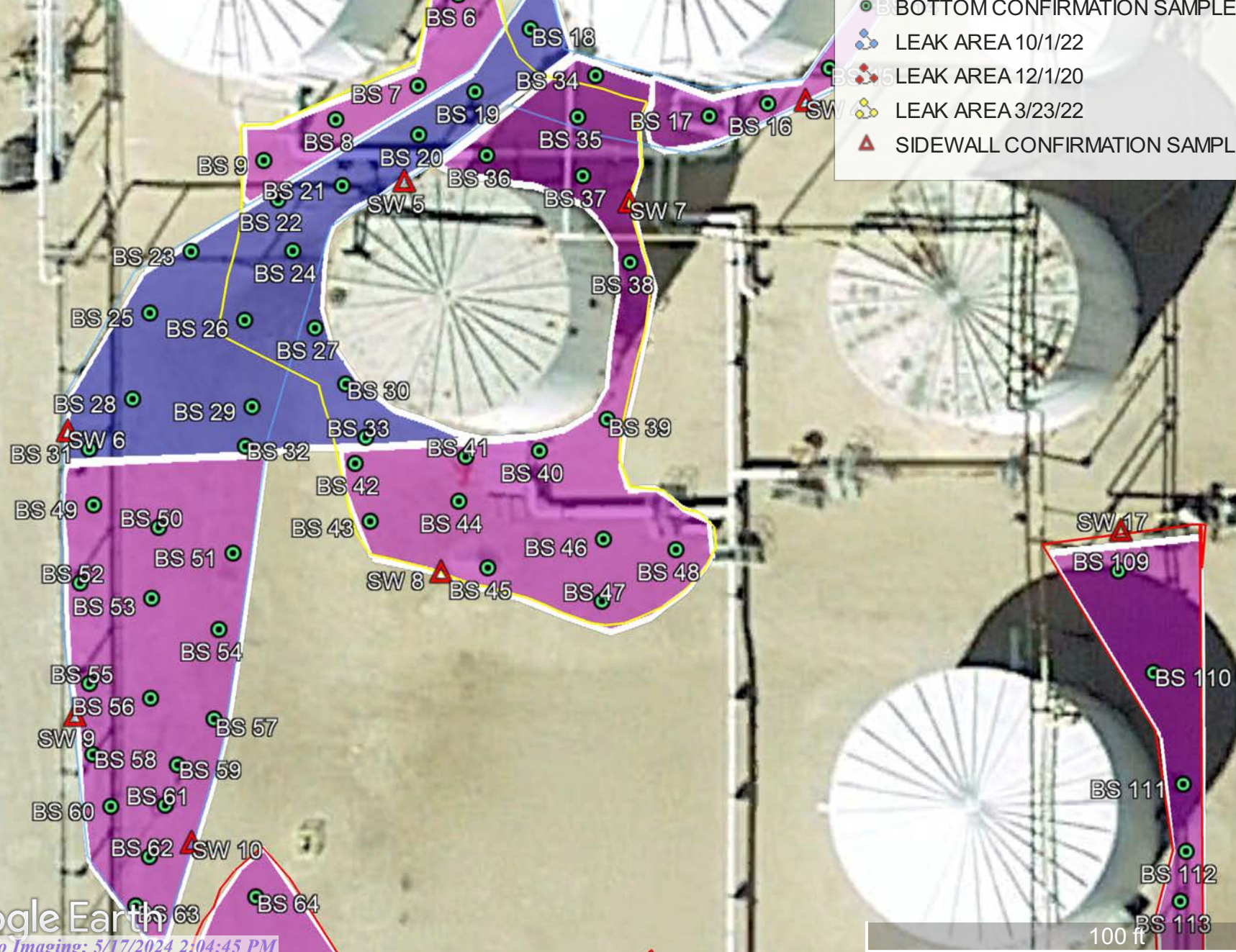
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Google Earth



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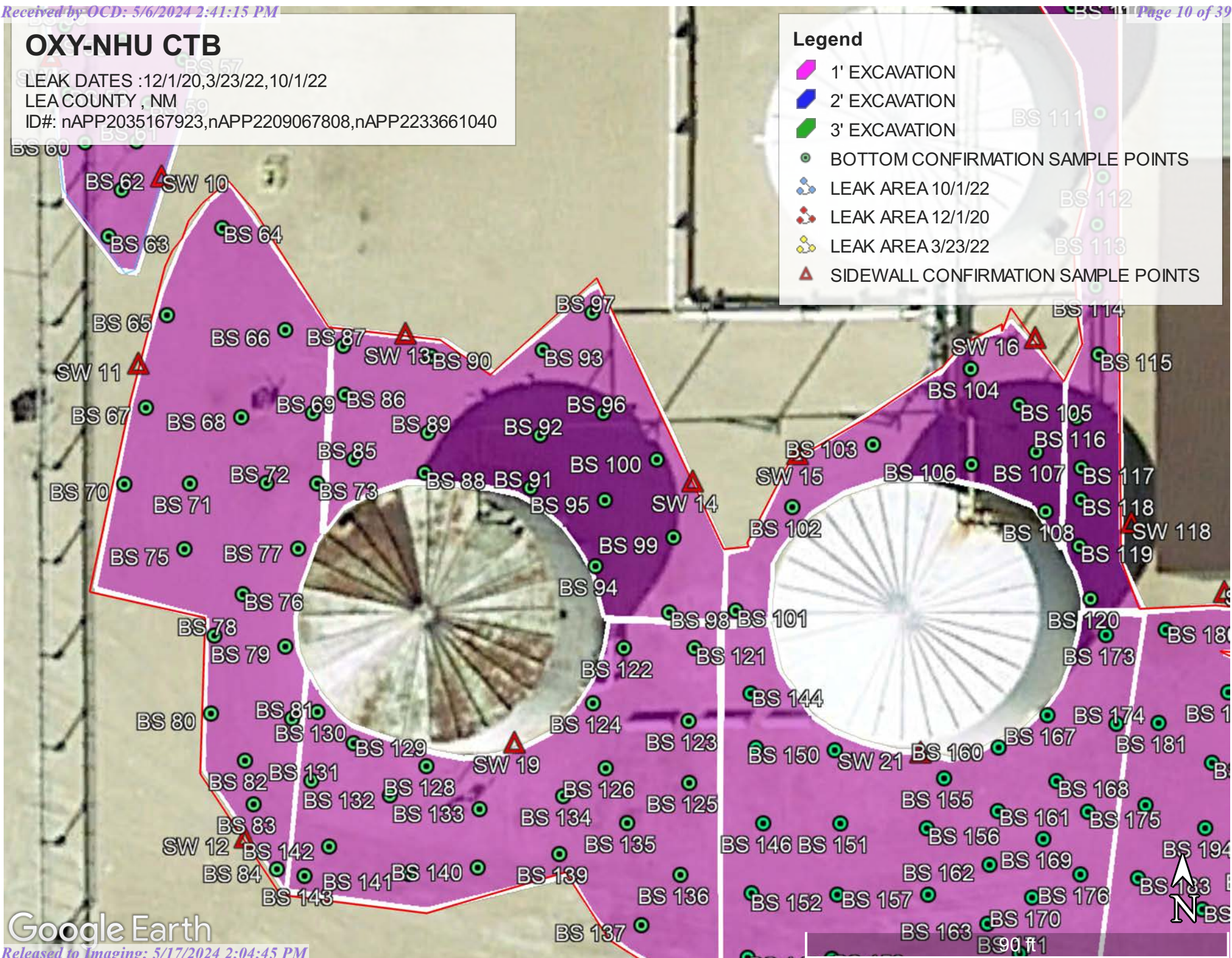
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Google Earth



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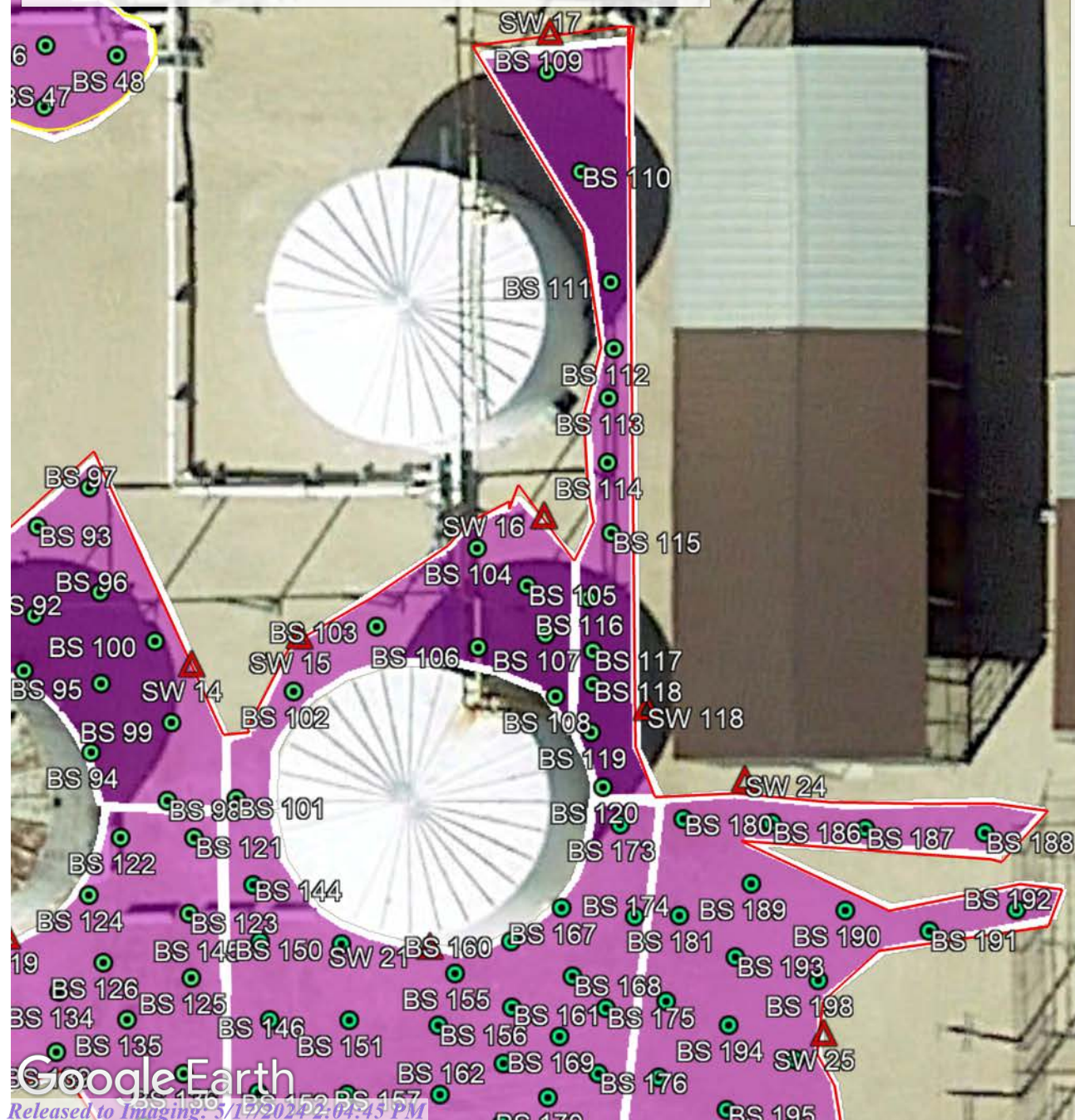
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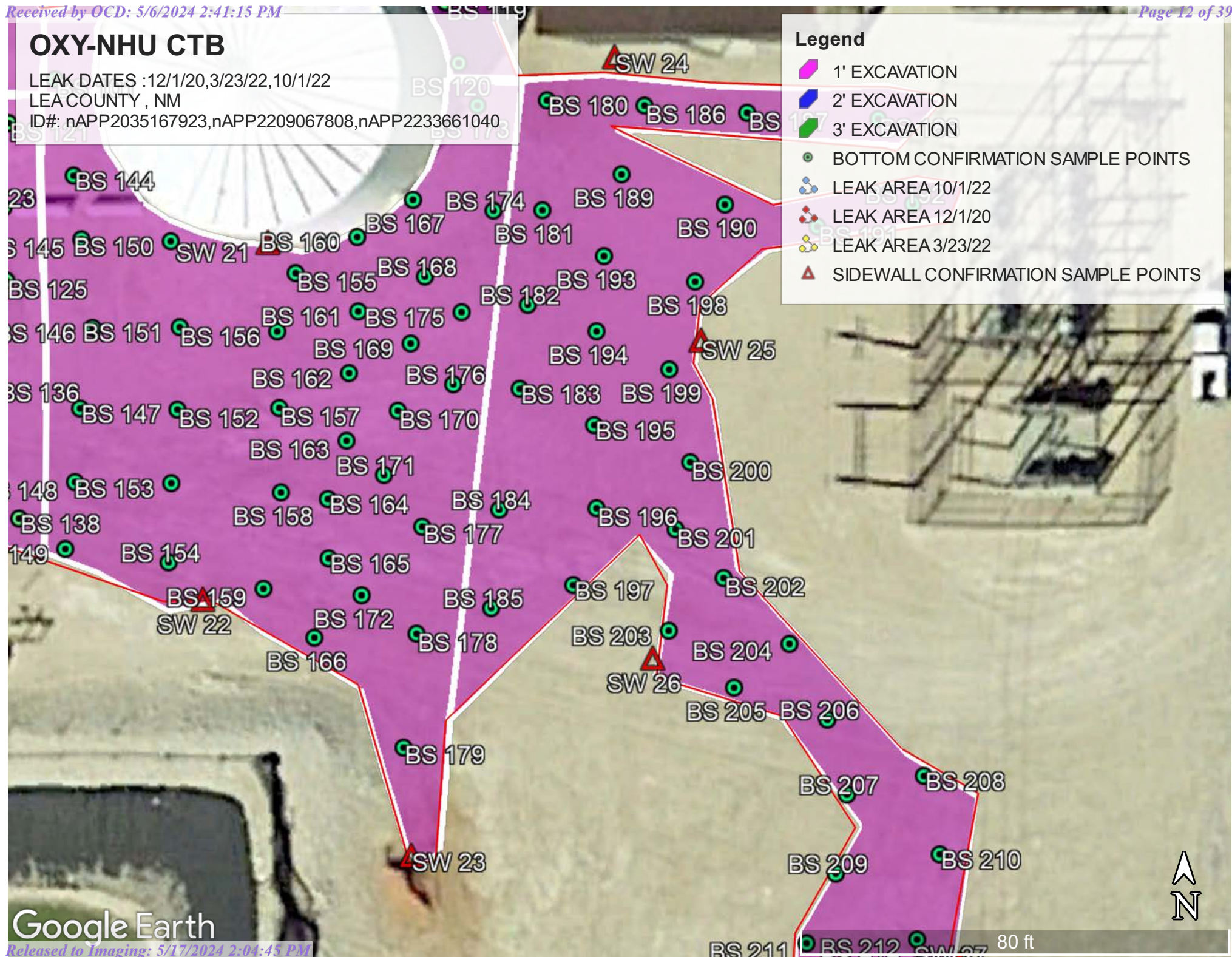
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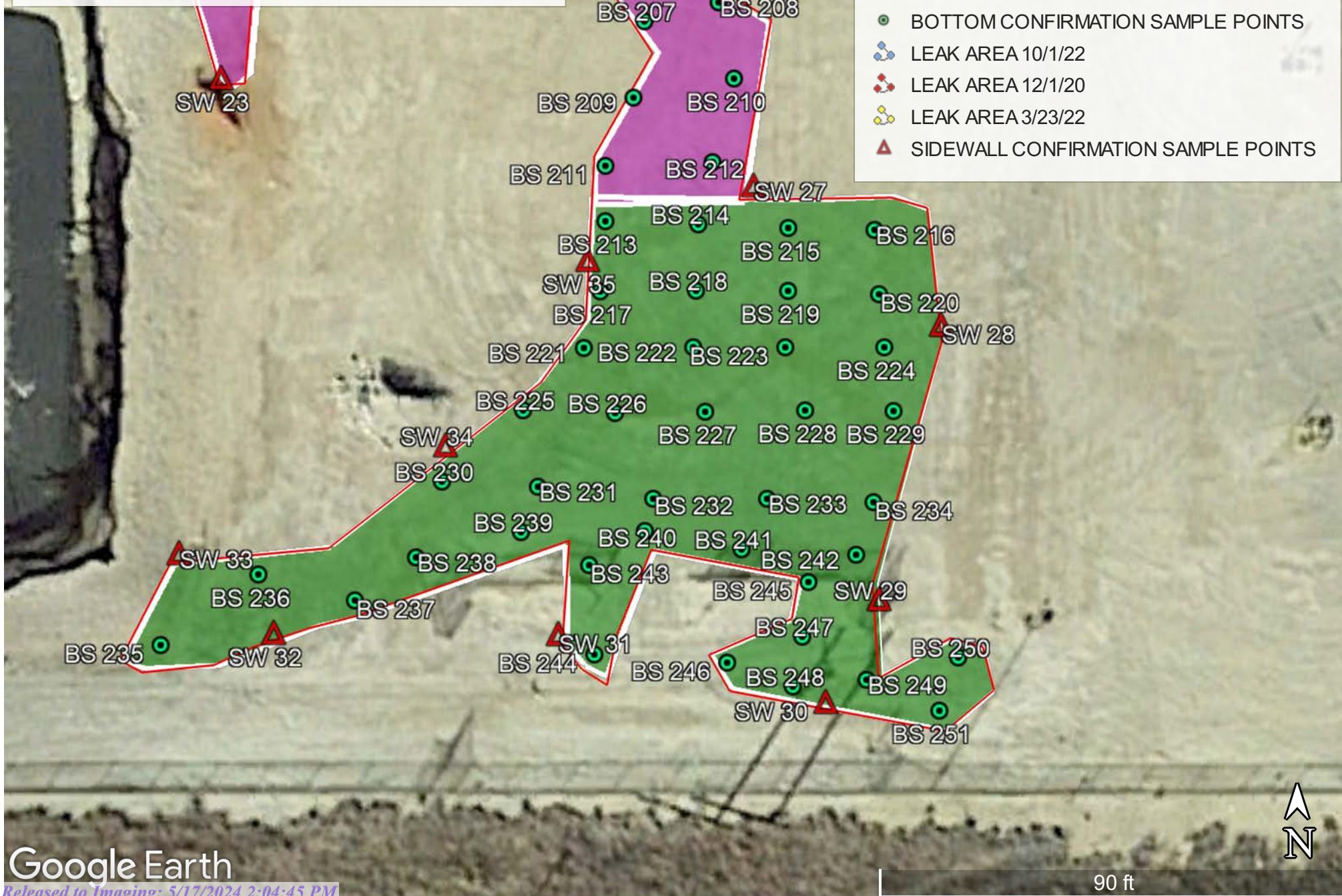
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OXY -NHU CTB 12/1/20,3/23/22,10/1/22 SAMPLE DATES 8/3/23-8/16/23

## BOTTOM SAMPLE S

BS 1@1'	N 32.71793	W-103.17886
BS 2@1'	N 32.71799	W-103.17882
BS 3@1'	N 32.71809	W-103.17876
BS 4@1'	N 32.71796	W-103.17880
BS 5@1'	N 32.71791	W-103.17870
BS 6@1'	N 32.71788	W-103.17862
BS 7@1'	N 32.71785	W-103.17866
BS 8@1'	N 32.71782	W-103.17782
BS 9 @1'	N 32.71781	W-103.17877
BS 10@1'	N 32.71801	W-103.17803
BS 11@1'	N 32.71793	W-103.17846
BS 12@1'	N 32.71791	W-103.17848
BS 13@1'	N 32.71788	W-103.17850
BS 14@1'	N 32.71783	W-103.17849
BS 15@1'	N 32.71772	W-103.17848
BS 16@1'	N 32.71773	W-103.17858
BS 17@1'	N 32.71777	W-103.17871
BS 18@2'	N 32.71784	W-103.17874
BS 19@2'	N 32.71785	W-103.17873
BS 20@2'	N 32.71783	W-103.17872
BS 21@2'	N 32.71776	W-103.17879
BS 22@2'	N 32.71772	W-103.17888
BS 23@2'	N 32.71770	W-103.17896
BS 24@2'	N 32.71770	W-103.17884
BS 25@2'	N 32.71769	W-103.17895
BS 26@2'	N 32.71770	W-103.17888
BS 27@2'	N 32.71772	W-103.17883
BS 28@2'	N 32.71768	W-103.17899
BS 29@2'	N 32.71770	W-103.17887
BS 30@2'	N 32.71772	W-103.17887
BS 31@2'	N 32.71766	W-103.17894
BS 32@2'	N 32.71764	W-103.17884
BS 33@2'	N 32.71764	W-103.17879
BS 34@1'	N 32.71772	W-103.17868
BS 35@1'	N 32.71772	W-103.17864
BS 36@1'	N 32.71771	W-103.17864
BS 37@1'	N 32.71775	W-103.17857
BS 38@1'	N 32.71769	W-103.17857
BS 39@1'	N 32.71762	W-103.17858
BS 40@1'	N 32.71759	W-103.17863
BS 41@1'	N 32.71758	W-103.17870
BS 42@1'	N 32.71761	W-103.17875
BS 43@1'	N 32.71754	W-103.17873



BS 44@1'	N 32.71753	W-103.17871
BS 45@1'	N 32.71750	W-103.17865
BS 46@1'	N 32.71754	W-103.17863
BS 47@1'	N 32.71753	W-103.17860
BS 48@1'	N 32.71754	W-103.17859
BS 49@1'	N 32.71763	W-103.17892
BS 50@1'	N 32.71759	W-103.17890
BS 51@1'	N 32.71759	W-103.17886
BS 52@1'	N 32.71757	W-103.17890
BS 53@1'	N 32.71754	W-103.17892
BS 54@1'	N 32.71754	W-103.17888
BS 55@1'	N 32.71753	W-103.17894
BS 56@1'	N 32.71750	W-103.17889
BS 57@1'	N 32.71748	W-103.17890
BS 58@1'	N 32.71745	W-103.17893
BS 59@1'	N 32.71743	W-103.17892
BS 60@1'	N 32.71741	W-103.17892
BS 61@1'	N 32.71740	W-103.17889
BS 62@1'	N 32.71736	W-103.17891
BS 63@1'	N 32.71733	W-103.17892
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BS 66@1'	N 32.71726	W-103.17880
BS 67@1'	N 32.71721	W-103.17891
BS 68@1'	N 32.71722	W-103.17880
BS 69@1'	N 32.71722	W-103.17874
BS 70@1'	N 32.71717	W-103.17892
BS 71@1'	N 32.71716	W-103.17883
BS 72@1'	N 32.71717	W-103.17881
BS 73@1'	N 32.71718	W-103.17879
BS 74@1'	N 32.71714	W-103.17892
BS 75@1'	N 32.71715	W-103.17886
BS 76@1'	N 32.71714	W-103.17883
BS 77@1'	N 32.71715	W-103.17881
BS 78@1'	N 32.71712	W-103.17886
BS 79@1'	N 32.71712	W-103.17882
BS 80@1'	N 32.71710	W-103.17884
BS 81@1'	N 32.71709	W-103.17884
BS 82@1'	N 32.71706	W-103.17885
BS 83@1'	N 32.71702	W-103.17886
BS 84@1'	N 32.71699	W-103.17886
BS 85@1'	N 32.71719	W-103.17875
BS 86@1'	N 32.71721	W-103.17871
BS 87@1'	N 32.71722	W-103.17868
BS 88@1'	N 32.71719	W-103.17865
BS 89@1'	N 32.71719	W-103.17863
BS 90@1'	N 32.71722	W-103.17865



BS 91@1' N 32.71719	W-103.17860
BS 92@1' N 32.71721	W-103.17862
BS 93@1' N 32.71724	W-103.17883
BS 94@1' N 32.71718	W-103.17884
BS 95@1' N 32.71722	W-103.17885
BS 96@1' N 32.71726	W-103.17854
BS 97@1' N 32.71729	W-103.17853
BS 98@1' N 32.71712	W-103.17849
BS 99@1' N 32.71720	W-103.17847
BS 100@1' N 32.71722	W-103.17848
BS 101@1' N 32.71716	W-103.17847
BS 102@1' N 32.71723	W-103.17848
BS 103@1' N 32.71724	W-103.17839
BS 104@1' N 32.71728	W-103.17828
BS 105@1' N 32.71724	W-103.17828
BS 106@1' N 32.71722	W-103.17835
BS 107@1' N 32.71721	W-103.17829
BS 108@1' N 32.71718	W-103.17827
BS 109@1' N 32.71750	W-103.17831
BS 110@1' N 32.71747	W-103.17829
BS 111@1' N 32.71741	W-103.17828
BS 112@1' N 32.71736	W-103.17827
BS 113@1' N 32.71730	W-103.17825
BS 114@1' N 32.71723	W-103.71822
BS 115@1' N 32.71719	W-103.17822
BS 116@1' N 32.71714	W-103.17823
BS 117@1' N 32.71709	W-103.17822
BS 118@1' N 32.71705	W-103.17820
BS 119@1' N 32.71710	W-103.17822
BS 120@1' N 32.71708	W-103.17818
BS 121@1' N 32.71712	W-103.17856
BS 122@1' N 32.71714	W-103.17855
BS 123@3' N 32.71714	W-103.17849
BS 124@1' N 32.71715	W-103.17848
BS 125@1' N 32.71711	W-103.17847
BS 126@1' N 32.71703	W-103.17858
BS 127@1' N 32.71704	W-103.17864
BS 128@1' N 32.71701	W-103.17870
BS 129@1' N 32.71702	W-103.17876
BS 130@1' N 32.71705	W-103.17882
BS 131@1' N 32.71700	W-103.17881
BS 132@1' N 32.71700	W-103.17875
BS 133@1' N 32.71699	W-103.17870
BS 134@1' N 32.71700	W-103.17865
BS 135@1' N 32.71700	W-103.17857
BS 136@1' N 32.71696	W-103.17857
BS 137@1' N 32.71692	W-103.17856



BS 138@1' N 32.71688	W-103.17854
BS 139@1' N 32.71694	W-103.17861
BS 140@1' N 32.71693	W-103.17867
BS 141@1' N 32.71692	W-103.17870
BS 142@1' N 32.71693	W-103.17876
BS 143@1' N 32.71695	W-103.17882
BS 144@1' N 32.71709	W-103.17847
BS 145@1' N 32.71704	W-103.17848
BS 146@1' N 32.71700	W-103.17846
BS 147@1' N 32.71695	W-103.17848
BS 148@1' N 32.71691	W-103.17845
BS 149@1' N 32.71686	W-103.17848
BS 150@1' N 32.71704	W-103.17850
BS 151@1' N 32.71699	W-103.17853
BS 152@1' N 32.71695	W-103.17850
BS 153@1' N 32.71690	W-103.17852
BS 154@1' N 32.71686	W-103.17850
BS 155@1' N 32.71702	W-103.17839
BS 156@1' N 32.71698	W-103.17838
BS 157@1' N 32.71698	W-103.17838
BS 158@1' N 32.71690	W-103.17830
BS 159@1' N 32.71685	W-103.17838
BS 160@1' N 32.71704	W-103.17829
BS 161@1' N 32.71701	W-103.17828
BS 162@1' N 32.71697	W-103.17829
BS 163@1' N 32.71693	W-103.17826
BS 164@1' N 32.71690	W-103.17829
BS 165@1' N 32.71686	W-103.17827
BS 166@1' N 32.71682	W-103.17829
BS 167@1' N 32.71707	W-103.17825
BS 168@1' N 32.71703	W-103.17822
BS 169@1' N 32.71699	W-103.17825
BS 170@1' N 32.71695	W-103.17824
BS 171@1' N 32.71691	W-103.17825
BS 172@1' N 32.71687	W-103.17826
BS 173@1' N 32.71708	W-103.17823
BS 174@1' N 32.71704	W-103.17823
BS 175@1' N 32.71699	W-103.17824
BS 176@1' N 32.71692	W-103.17823
BS 177@1' N 32.71685	W-103.17823
BS 178@1' N 32.71679	W-103.17822
BS 179@`1 N 32.71671	W-103.17823
BS 180@1 N 32.71712	W-103.17818
BS 181@1' N 32.71706	W-103.17818
BS 182@1' N 32.71702	W-103.17817
BS 183@1' N 32.71696	W-103.17816
BS 184@1' N 32.71691	W-103.17813



BS 185@1' N 32.17688	W-103.17812
BS 186@1' N 32.71710	W-103.17815
BS 187@1' N 32.71712	W-103.17811
BS 188@1' N 32.71709	W-103.17810
BS 189@1' N 32.71708	W-103.17818
BS 190@1' N 32.71711	W-103.17813
BS 191@1' N 32.71712	W-103.17809
BS 192@1' N 32.71714	W-103.17806
BS 193@1' N 32.71708	W-103.17817
BS 194@1' N 32.71700	W-103.17814
BS 195@1' N 32.71693	W-103.17812
BS 196@1' N 32.71688	W-103.17809
BS 197@1' N 32.71680	W-103.17806
BS 198@1' N 32.71707	W-103.17811
BS 199@1' N 32.71699	W-103.17808
BS 200@1' N 32.71683	W-103.17806
BS 201@1' N 32.71685	W-103.17800
BS 202@1' N 32.71682	W-103.17796
BS 203@1' N 32.71677	W-103.17798
BS 204@1' N 32.71673	W-103.17792
BS 205@1' N 32.71671	W-103.17797
BS 206@1' N 32.71669	W-103.17793
BS 207@1' N 32.71667	W-103.17667
BS 208@1' N 32.71666	W-103.17793
BS 209@1' N 32.71664	W-103.17789
BS 210@1' N 32.71666	W-103.17794
BS 211@1' N 32.71658	W-103.17795
BS 212@1' N 32.71660	W-103.17791
BS 213@3' N 32.71658	W-103.17808
BS 214@3' N 32.71657	W-103.17804
BS 215@3' N 32.71656	W-103.17800
BS 216@3' N 32.71655	W-103.17794
BS 217@3' N 32.71653	W-103.17810
BS 218@3' N 32.71653	W-103.17805
BS 219@3' N 32.71653	W-103.17800
BS 220@3' N 32.71654	W-103.17794
BS 221@3' N 32.71651	W-103.17812
BS 222@3' N 32.71651	W-103.17808
BS 223@3' N 32.71652	W-103.17803
BS 224@3' N 32.71652	W-103.17796
BS 225@3' N 32.71650	W-103.17818
BS 226@3' N 32.71651	W-103.17814
BS 227@3' N 32.71652	W-103.17810
BS 228@3' N 32.71650	W-103.17804
BS 229@3' N 32.71651	W-103.17797
BS 230@3' N 32.71647	W-103.17819
BS 231@3' N 32.71648	W-103.17814



BS 232@3' N 32.71645	W-103.17808
BS 233@3' N 32.71647	W-103.17800
BS 234@3' N 32.71647	W-103.17793
BS235@3' N 32.71644	W-103.17829
BS 236@3' N 32.71647	W-103.17826
BS 237@3' N 32.71643	W-103.17823
BS 238@3' N 32.71645	W-103.17819
BS 239@3' N 32.71645	W-103.17814
BS 240@3' N 32.71647	W-103.17803
BS 241@3' N 32.71645	W-103.17792
BS 242@3' N 32.71643	W-103.17790
BS 243@3' N 32.71646	W-103.17803
BS 244@3' N 32.71643	W-103.17802
BS 245@3' N 32.71642	W-103.17791
BS 246@3' N 32.71642	W-103.17796
BS 247@3' N 32.71641	W-103.17791
BS 248@3' N 32.71639	W-103.71791
BS 249@3' N 32.71641	W-103.17786
BS 250@3' N 32.71642	W-103.17780
BS 251@3' N 32.71640	W-103.17782

## SIDEWALL SAMPLES

SW 1	N 32.71798	W-103.17895
SW 2	N 32.71793	W-103.17871
SW 3	N 32.71794	W-103.17840
SW 4	N 32.71786	W-103.17846
SW 5	N 32.71786	W-103.17868
SW 6	N 32.71764	W-103.17898
SW 7	N 32.71777	W-103.17852
SW 8	N 32.71758	W-103.17863
SW 9	N 32.71750	W-103.17895
SW 10	N 32.71751	W-103.17814
SW 11	N 32.71728	W-103.17897
SW 12	N 32.71705	W-103.17892
SW 13	N 32.71719	W-103.17872
SW 14	N 32.71714	W-103.17851
SW 15	N 32.71719	W-103.17839
SW 16	N 32.71722	W-103.17837
SW 17	N 32.71743	W-103.17826
SW 18	N 32.71720	W-103.17827
SW 19	N 32.71699	W-103.17871
SW 20	N 32.71687	W-103.17862



SW 21	N 32.71708	W-103.17839
SW 22	N 32.71683	W-103.17835
SW 23	N 32.71668	W-103.17826
SW 24	N 32.71717	W-103.17816
SW 25	N 32.71698	W-103.17808
SW 26	N 32.71689	W-103.17814
SW 27	N 32.71697	W-103.17796
SW 28	N 32.71668	W-103.17790
SW 29	N 32.71647	W-103.17784
SW 30	N 32.71639	W-103.17784
SW 31	N 32.71641	W-103.17804
SW 32	N 32.71642	W-103.17820
SW 33	N 32.71647	W-103.17828
SW 34	N 32.71654	W-103.17815
SW 35	N 32.71663	W-103.17810



[illegible][illegible][illegible]



	Sample ID	BS 55@1'	BS 56@1'	BS 57@1'	BS 58@1'	BS 59@1'	BS 60@1'	BS 61@1'	BS 62@1'	BS 63@1'	BS 64@1'	BS 65@1'	BS 66@1'	BS 67@1'	BS 68@1'	BS 69@1'	BS 70@1'	BS 71@1'	BS 72@1'
Analyte	Date	8/4/23	8/4/23	8/4/23	8/4/23	8/4/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		32.0	64.0	32.0	48.0	48.0	80.0	48.0	48.0	112.0	64.0	48.0	112.0	128.0	112.0	96.0	96.0	112.0	80.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	73.1	<10.0	<10.0	90.8	89.2	67.5	88.7	109	88.7	120
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	90.2	<10.0	<10.0	92.3	105	68.5	111	111	96.8	162

	Sample ID	BS 73@1'	BS 74@1'	BS 75@1'	BS 76@1'	BS 77@1'	BS 78@1'	BS 79@1'	BS 80@1'	BS 81@1'	BS 82@1'	BS 83@1'	BS 84@1'	BS 85@1'	BS 86@1'	BS 87@1'	BS 98@1'	BS 89@1'	BS 90@1'
Analyte	Date	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23	8/7/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		128.0	96.0	112.0	96.0	96.0	96.0	80.0	64.0	96.0	80.0	80.0	80.0	96.0	96.0	112.0	112.0	128.0	96.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		94.9	92.2	99.6	12.1	93.9	101	116	109	134	121	155	144	142	316	138	100	89.2	85.5
EXT DRO		116	103	95.3	49	78.9	106	104	128	163	149	210	193	190	291	172	128	112	110

	Sample ID	BS 91@1'	BS 92@1'	BS 93@1'	BS 94@1'	BS 95@1'	BS 96@1'	BS 97@1'	BS 98@1'	BS 99@1'	BS 100@1'	BS 101@1'	BS 102@1'	BS 102@1'	BS 103@1'	BS 104@1'	BS 105@1'	BS 106@1'	BS 107@1'
Analyte	Date	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		128.0	96.0	32.0	48.0	16.0	16.0	112.0	112.0	112.0	32.0	32.0	32.0	16.0	32.0	16.0	32.0	112.0	48.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		112	118	219	646	342	432	87.6	94	112	217	<10.0	336	447	251	312	<10.0	52.6	<10.0
EXT DRO		131	143	221	606	351	424	117	111	125	230	52.6	404	526	382	417	71.8	85.8	21.4



	Sample ID	BS 108@1'	BS 109@1'	BS 110@1'	BS 111@1'	BS 112@1'	BS 113@1'	BS 114@1'	BS 115@1'	BS 116@1'	BS 117@1'	BS 118@1'	BS 119@1'	BS 120@1'	BS 121@1'	BS 122@1'	BS 123@1'	BS 124@1'	BS 125@1'
Analyte	Date	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/8/23	8/10/23	8/10/23	8/10/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		48.0	32.0	128.0	160.0	64.0	96.0	336.0	64.0	32.0	64.0	64.0	48.0	48.0	112.0	48.0	32.0	32.0	32.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	89.7	43.3	25.3	35.6	60.6	18.5	12.5	<10.0	<10.0	<10.0	<10.0	172	14.7	<10.0	<10.0	<10.0
EXT DRO		21.4	11.1	119	84.9	52.3	56.9	98.8	44.7	30.6	20.2	19	10.3	<10.0	164	10.5	<10.0	<10.0	<10.0

	Sample ID	BS 126@1'	BS 127@1'	BS 128@1'	BS 129@1'	BS 130@1'	BS 131@1'	BS 132@1'	BS 133@1'	BS 134@1'	BS 135@1'	BS 136@1'	BS 136@1'	BS 137@1'	BS 138@1'	BS 139@1'	BS 140@1'	BS 141@1'	BS 142@1'
Analyte	Date	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		64.0	96.0	64.0	96.0	64.0	80.0	80.0	96.0	80.0	48.0	80.0	80.0	80.0	96.0	80.0	80.0	80.0	64.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	39.5	<10.0	<10.0	<10.0	76.1	29	14.7	19.1	140	49.8	65.7	45.5	39.2	66.5	80.1
EXT DRO		17.2	<10.0	<10.0	29.4	<10.0	<10.0	<10.0	60	24.5	10.5	12	119	33.8	44.9	30.1	26.5	51.7	66.8

	Sample ID	BS 143@1'	BS 144@1'	BS 145@1'	BS 146@1'	BS 147@1'	BS 148@1'	BS 149@1'	BS 150@1'	BS 151@1'	BS 152@1'	BS 153@1'	BS 154@1'	BS 155@1'	BS 156@1'	BS 157@1'	BS 158@1'	BS 159@1'	BS 160@1'
Analyte	Date	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/10/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		96.0	64.0	80.0	80.0	80.0	80.0	64.0	80.0	80.0	80.0	64.0	48.0	80.0	64.0	80.0	64.0	80.0	64.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		104	51.4	53	45.5	46.6	95.2	180	183	123	261	349	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		90.2	42.7	43.8	33	28.2	73	157	166	107	231	281	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0



	Sample ID	BS 161@1'	BS 162@1'	BS 163@1'	BS 164@1'	BS 165@1'	BS 166@1'	BS 167@1'	BS 168@1'	BS 169@1'	BS 170@1'	BS 171@1'	BS 172@1'	BS 173@1'	BS 174@1'	BS 175@1'	BS 176@1'	BS 177@1'	BS 178@1'
Analyte	Date	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23	8/11/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		80.0	64.0	80.0	64.0	80.0	80.0	96.0	80.0	80.0	80.0	80.0	80.0	112.0	96.0	96.0	80.0	80.0	80.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	47.4	54.4	64.4	158	67.3	57.6	114	124	66.5	115	161	88.5	198	199
EXT DRO		<10.0	<10.0	<10.0	<10.0	40.6	45.2	63.5	149	74.9	57.5	108	127	66	119	170	94.9	201	187

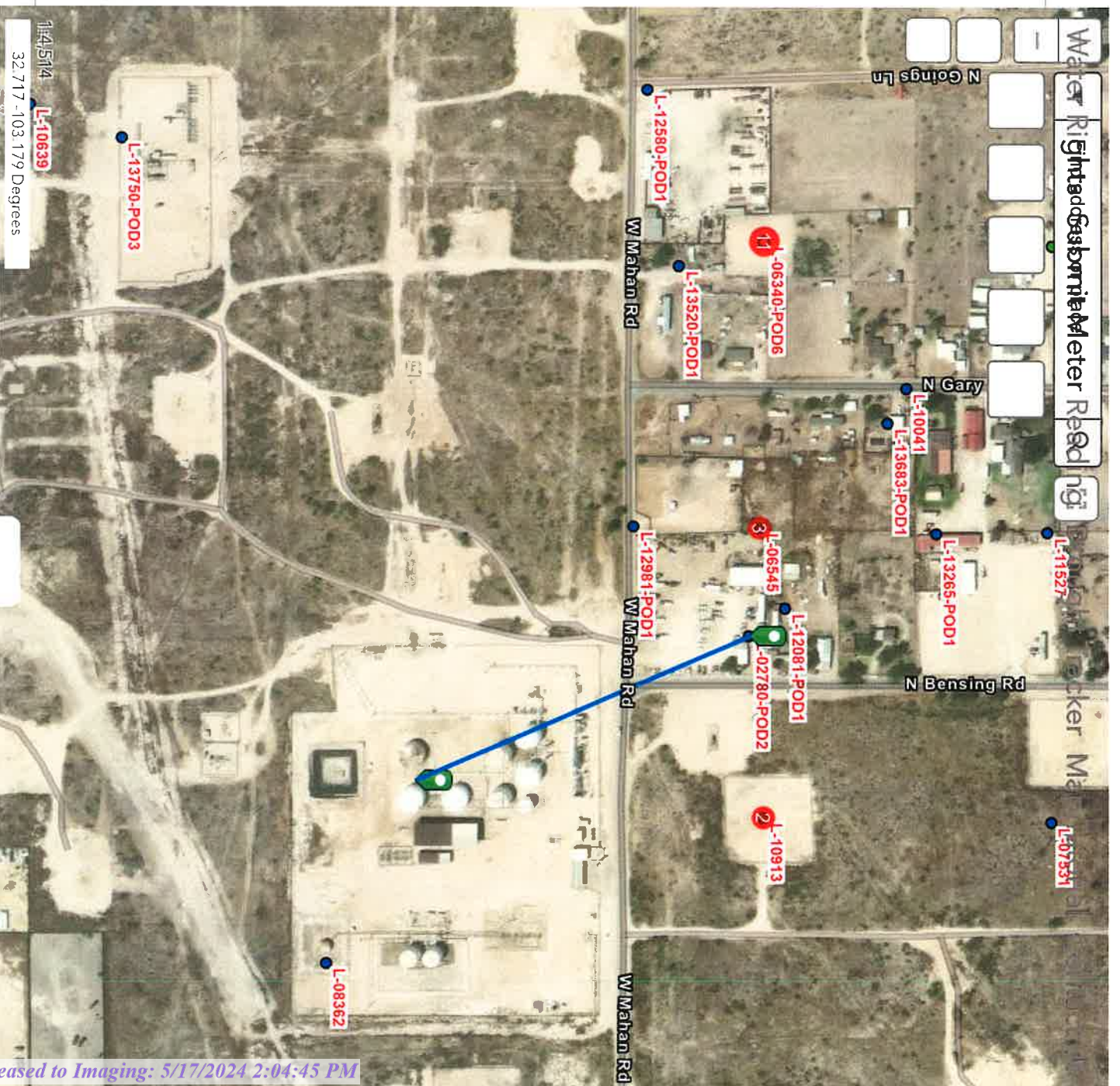
	Sample ID	BS 179@1'	BS 180@1'	BS 181@1'	BS 182@1'	BS 183@1'	BS 184@1'	BS 185@1'	BS 186@1'	BS 187@1'	BS 188@1'	BS 189@1'	BS 190@1'	BS 191@1'	BS 192@1'	BS 193@1'	BS 194@1'	BS 195@1'	BS 196@1'
Analyte	Date	8/11/23	8/11/23	8/11/23	8/11/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		96.0	96.0	96.0	96.0	64.0	80.0	96.0	80.0	80.0	64.0	80.0	64.0	64.0	80.0	80.0	64.0	64.0	80.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		90.6	159	213	189	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		95.7	146	211	204	<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	BS 197@1'	BS 198@1'	BS 199@1'	BS 200@1'	BS 201@1'	BS 202@1'	BS 203@1'	BS 204@1'	BS 205@1'	BS 206@1'	BS 207@1'	BS 208@1'	BS 209@1'	BS 210@1'	BS 211@1'	BS 212@1'
Analyte	Date	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23	8/14/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		80.0	80.0	96.0	80.0	128.0	48.0	80.0	64.0	80.0	80.0	96.0	64.0	80.0	48.0	64.0	32.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	14.2	<10.0	<10.0	103	32.5	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	13.9	10.2	11	105	40.6	<10.0	<10.0	<10.0



**Measurement Result**

Press **CTRL** to enable snapping








# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
20638	L 02780 POD2	4	4	2	30	19S	38E	670608	3621622 
<b>Driller License:</b> 1626		<b>Driller Company:</b> TAYLOR DRILLING							
<b>Driller Name:</b> TAYLOR, ROY A.									
<b>Drill Start Date:</b> 08/15/2017		<b>Drill Finish Date:</b> 08/19/2017		<b>Plug Date:</b>					
<b>Log File Date:</b> 10/06/2017		<b>PCW Rcv Date:</b>		<b>Source:</b> Shallow					
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>		<b>Estimated Yield:</b> 20 GPM					
<b>Casing Size:</b> 5.03		<b>Depth Well:</b> 200 feet		<b>Depth Water:</b> 100 feet					

### Water Bearing Stratifications:

Top	Bottom	Description
104	140	Sandstone/Gravel/Conglomerate
140	152	Sandstone/Gravel/Conglomerate
152	196	Sandstone/Gravel/Conglomerate

### Casing Perforations:

Top	Bottom
160	200

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

8/25/23 2:16 PM

POINT OF DIVERSION SUMMARY





## WELL RECORD &amp; LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

2017 OCT - 6 AM 11:34

STATE OF NEW MEXICO  
OFFICE OF THE STATE ENGINEER

1. GENERAL AND WELL LOCATION	OSE POID NUMBER (WELL NUMBER) <b>POD 1</b>		OSE FILE NUMBER(S) <b>L-02780</b>																																																																										
	WELL OWNER NAME(S) <b>Jose Flores</b>		PHONE (OPTIONAL) <b>8</b>																																																																										
	WELL OWNER MAILING ADDRESS <b>712 West Vista Court</b>		CITY <b>Hobbs</b>	STATE <b>NM</b>																																																																									
			ZIP <b>88240</b>																																																																										
2. DRILLING & CASING INFORMATION	WELL LOCATION (FROM GPS)	DEGREES MINUTES SECONDS LATITUDE <b>32° 71' 9.19" N</b> LONGITUDE <b>103° 17' 9.54" W</b>		ACCURACY REQUIRED: ONE TENTH OF A SECOND DATUM REQUIRED: WGS 84																																																																									
	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE																																																																												
	LICENSE NUMBER <b>WD1626</b>	NAME OF LICENSED DRILLER <b>Roy Taylor</b>		NAME OF WELL DRILLING COMPANY <b>Taylor Drilling</b>																																																																									
	DRILLING STARTED <b>8/15/17</b>	DRILLING ENDED <b>8/19/17</b>	DEPTH OF COMPLETED WELL (FT) <b>200</b>	BORE HOLE DEPTH (FT) <b>200</b>																																																																									
3. ANNULAR MATERIAL	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)		DEPTH WATER FIRST ENCOUNTERED (FT) <b>100</b>																																																																										
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD <input type="checkbox"/> ADDITIVES - SPECIFY:																																																																												
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:																																																																												
	<table border="1"> <thead> <tr> <th colspan="2">DEPTH (feet bgl)</th> <th rowspan="2">BORE HOLE DIAM (inches)</th> <th rowspan="2">CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)</th> <th rowspan="2">CASING CONNECTION TYPE</th> <th rowspan="2">CASING INSIDE DIAM. (inches)</th> <th rowspan="2">CASING WALL THICKNESS (inches)</th> <th rowspan="2">SLOT SIZE (inches)</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>160</td> <td>10</td> <td>PVC</td> <td>Blue</td> <td>3.135</td> <td>0.214</td> <td>NA</td> </tr> <tr> <td>160</td> <td>200</td> <td>10</td> <td>PVC</td> <td>Blue</td> <td>3.033</td> <td>0.265</td> <td>0.035</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>				DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)	FROM	TO	0	160	10	PVC	Blue	3.135	0.214	NA	160	200	10	PVC	Blue	3.033	0.265	0.035																																															
DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)							SLOT SIZE (inches)																																																																
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0	160	10	PVC	Blue	3.135	0.214	NA																																																																						
160	200	10	PVC	Blue	3.033	0.265	0.035																																																																						
DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT																																																																								
FROM	TO																																																																												
0	20	10	Cement	6.6	Hand																																																																								
20	200	10	Silica Sand	39.4	Hand																																																																								

FOR OSE INTERNAL USE

FILE NUMBER **L-2780**POD NUMBER **2**

WR-20 WELL RECORD &amp; LOG (Version 06/08/2012)

TRN NUMBER **612900**TAG # **38E-30 2.4.4**

EDM

Tag # **20638**



HYDROGEN OXIDE AS WELL

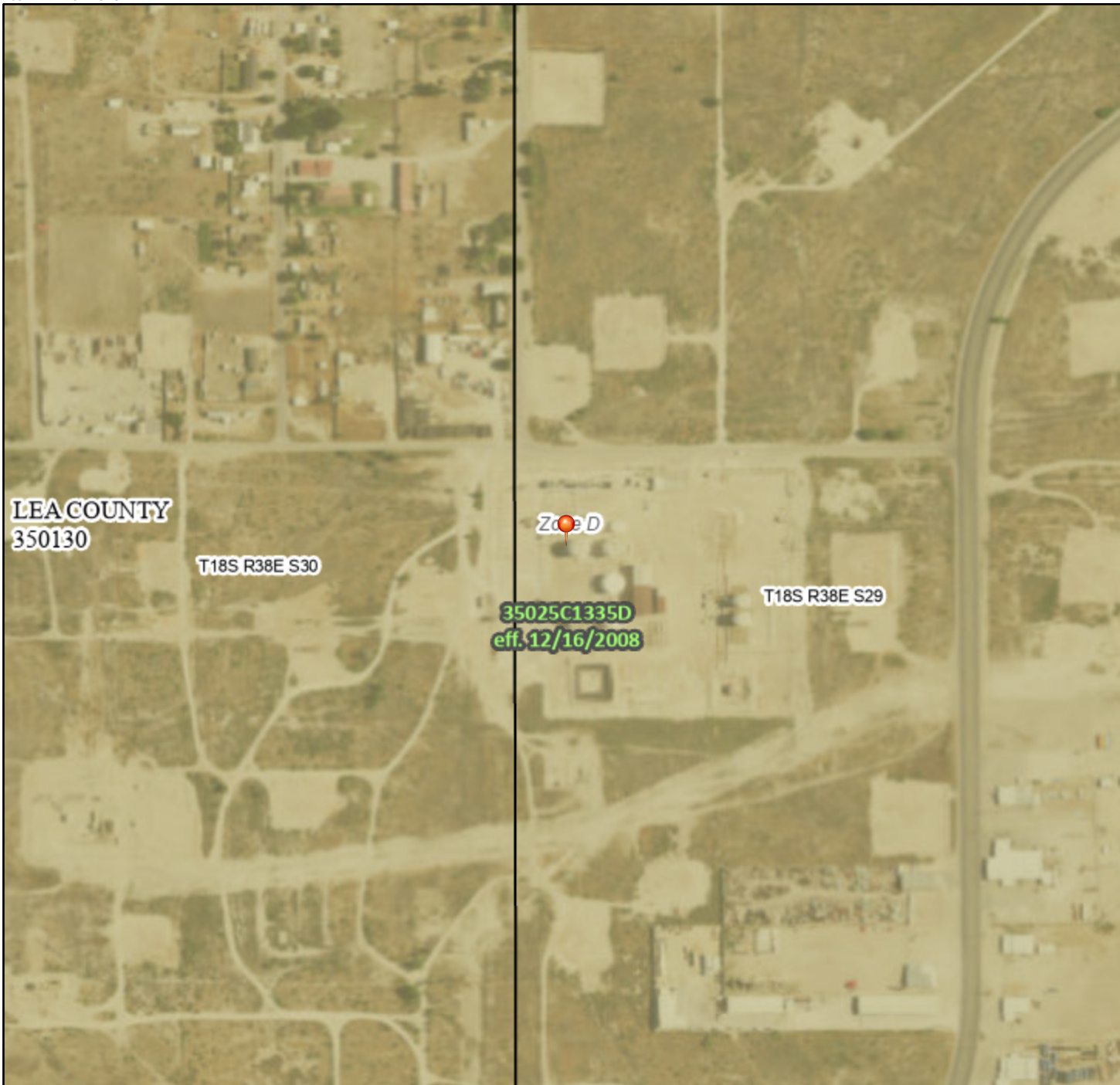
Released to Imaging: 5/17/2024 2:04:45 PM



# National Flood Hazard Layer FIRMette



103°11'2"W 32°43'19"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°10'25"W 32°42'49"N

## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/6/2023 at 6:30 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)







OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)







OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)







OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)







OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)







OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)







OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)







OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)







OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)







OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)







OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)







OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)







OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)







OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)





OXY-NORTH HOBBS CTB (12/1/20,3/23/23,10/1/22)







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

August 16, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NHU CTB 3/23/22, 10/1/22

Enclosed are the results of analyses for samples received by the laboratory on 08/09/23 16:35.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 1 @ 1' (H234280-01)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2023	ND	1.97	98.6	2.00	0.813	
Toluene*	<0.050	0.050	08/13/2023	ND	2.00	100	2.00	1.52	
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	2.01	100	2.00	3.38	
Total Xylenes*	<0.150	0.150	08/13/2023	ND	6.12	102	6.00	3.35	
Total BTX	<0.300	0.300	08/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/10/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/10/2023	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.3 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/03/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 2 @ 1' (H234280-02)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2023	ND	1.97	98.6	2.00	0.813		
Toluene*	<0.050	0.050	08/13/2023	ND	2.00	100	2.00	1.52		
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	2.01	100	2.00	3.38		
Total Xylenes*	<0.150	0.150	08/13/2023	ND	6.12	102	6.00	3.35		
Total BTX	<0.300	0.300	08/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 73.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 3 @ 1' (H234280-03)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2023	ND	1.97	98.6	2.00	0.813		
Toluene*	<0.050	0.050	08/13/2023	ND	2.00	100	2.00	1.52		
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	2.01	100	2.00	3.38		
Total Xylenes*	<0.150	0.150	08/13/2023	ND	6.12	102	6.00	3.35		
Total BTEx	<0.300	0.300	08/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 4 @ 1' (H234280-04)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2023	ND	1.97	98.6	2.00	0.813	
Toluene*	<0.050	0.050	08/13/2023	ND	2.00	100	2.00	1.52	
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	2.01	100	2.00	3.38	
Total Xylenes*	<0.150	0.150	08/13/2023	ND	6.12	102	6.00	3.35	
Total BTEX	<0.300	0.300	08/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/11/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/03/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 5 @ 1' (H234280-05)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2023	ND	1.97	98.6	2.00	0.813		
Toluene*	<0.050	0.050	08/13/2023	ND	2.00	100	2.00	1.52		
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	2.01	100	2.00	3.38		
Total Xylenes*	<0.150	0.150	08/13/2023	ND	6.12	102	6.00	3.35		
Total BTEX	<0.300	0.300	08/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/11/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/03/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 6 @ 1' (H234280-06)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2023	ND	1.97	98.6	2.00	0.813		
Toluene*	<0.050	0.050	08/13/2023	ND	2.00	100	2.00	1.52		
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	2.01	100	2.00	3.38		
Total Xylenes*	<0.150	0.150	08/13/2023	ND	6.12	102	6.00	3.35		
Total BTX	<0.300	0.300	08/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/03/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 7 @ 1' (H234280-07)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2023	ND	1.97	98.6	2.00	0.813		
Toluene*	<0.050	0.050	08/13/2023	ND	2.00	100	2.00	1.52		
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	2.01	100	2.00	3.38		
Total Xylenes*	<0.150	0.150	08/13/2023	ND	6.12	102	6.00	3.35		
Total BTX	<0.300	0.300	08/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/03/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 8 @ 1' (H234280-08)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2023	ND	1.97	98.6	2.00	0.813		
Toluene*	<0.050	0.050	08/13/2023	ND	2.00	100	2.00	1.52		
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	2.01	100	2.00	3.38		
Total Xylenes*	<0.150	0.150	08/13/2023	ND	6.12	102	6.00	3.35		
Total BTEx	<0.300	0.300	08/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 70.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 9 @ 1' (H234280-09)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	0.971	QM-07
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35	
Total BTX	<0.300	0.300	08/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 70.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 10 @ 1' (H234280-10)**

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	08/12/2023	ND	2.12	106	2.00	0.971	
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35	
Total BTEX	<0.300	0.300	08/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 11 @ 1' (H234280-11)**

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	08/12/2023	ND	2.12	106	2.00	0.971	
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35	
Total BTEX	<0.300	0.300	08/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 12 @ 1' (H234280-12)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	0.971	
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35	
Total BTEX	<0.300	0.300	08/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 72.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 13 @ 1' (H234280-13)**

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	08/12/2023	ND	2.12	106	2.00	0.971	
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35	
Total BTEX	<0.300	0.300	08/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/11/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 14 @ 1' (H234280-14)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	0.971		
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35		
Total BTEx	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 15 @ 1' (H234280-15)**

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	08/12/2023	ND	2.12	106	2.00	0.971	
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35	
Total BTEX	<0.300	0.300	08/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/11/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 16 @ 1' (H234280-16)**

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	08/12/2023	ND	2.12	106	2.00	0.971	
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35	
Total BTEX	<0.300	0.300	08/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 17 @ 1' (H234280-17)**

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	08/12/2023	ND	2.12	106	2.00	0.971	
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35	
Total BTEX	<0.300	0.300	08/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 18 @ 2' (H234280-18)**

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	08/12/2023	ND	2.12	106	2.00	0.971	
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35	
Total BTEX	<0.300	0.300	08/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/11/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 19 @ 2' (H234280-19)**

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	08/12/2023	ND	2.12	106	2.00	0.971	
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35	
Total BTEX	<0.300	0.300	08/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/11/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	171	85.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	171	85.3	200	7.26	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 71.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 20 @ 2' (H234280-20)**

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	08/12/2023	ND	2.12	106	2.00	0.971		
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/10/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/10/2023	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 21 @ 2' (H234280-21)**

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	08/12/2023	ND	2.12	106	2.00	0.971	
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35	
Total BTEX	<0.300	0.300	08/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 22 @ 2' (H234280-22)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	0.971	
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35	
Total BTEX	<0.300	0.300	08/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 23 @ 2' (H234280-23)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	0.971	
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35	
Total BTEX	<0.300	0.300	08/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/11/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 24 @ 2' (H234280-24)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	0.971		
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 25 @ 2' (H234280-25)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	0.971		
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/11/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 26 @ 2' (H234280-26)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	0.971		
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35		
Total BTEx	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/11/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 27 @ 2' (H234280-27)**

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	08/12/2023	ND	2.12	106	2.00	0.971		
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35		
Total BTX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 28 @ 2' (H234280-28)**

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	08/12/2023	ND	2.12	106	2.00	0.971		
Toluene*	<0.050	0.050	08/12/2023	ND	2.03	101	2.00	1.68		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	1.69		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.89	98.2	6.00	1.35		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 29 @ 2' (H234280-29)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.14	107	2.00	0.458		
Toluene*	<0.050	0.050	08/12/2023	ND	2.07	104	2.00	0.595		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.98	98.8	2.00	1.14		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.90	98.3	6.00	1.33		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/03/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 30 @ 2' (H234280-30)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.14	107	2.00	0.458		
Toluene*	<0.050	0.050	08/12/2023	ND	2.07	104	2.00	0.595		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.98	98.8	2.00	1.14		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.90	98.3	6.00	1.33		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/11/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 31 @ 2' (H234280-31)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.14	107	2.00	0.458		
Toluene*	<0.050	0.050	08/12/2023	ND	2.07	104	2.00	0.595		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.98	98.8	2.00	1.14		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.90	98.3	6.00	1.33		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/11/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 32 @ 2' (H234280-32)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.14	107	2.00	0.458		
Toluene*	<0.050	0.050	08/12/2023	ND	2.07	104	2.00	0.595		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.98	98.8	2.00	1.14		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.90	98.3	6.00	1.33		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/11/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 33 @ 2' (H234280-33)**

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	08/12/2023	ND	2.14	107	2.00	0.458		
Toluene*	<0.050	0.050	08/12/2023	ND	2.07	104	2.00	0.595		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.98	98.8	2.00	1.14		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.90	98.3	6.00	1.33		
Total BTX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 34 @ 1' (H234280-34)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.14	107	2.00	0.458		
Toluene*	<0.050	0.050	08/12/2023	ND	2.07	104	2.00	0.595		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.98	98.8	2.00	1.14		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.90	98.3	6.00	1.33		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 35 @ 1' (H234280-35)**

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	08/12/2023	ND	2.14	107	2.00	0.458		
Toluene*	<0.050	0.050	08/12/2023	ND	2.07	104	2.00	0.595		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.98	98.8	2.00	1.14		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.90	98.3	6.00	1.33		
Total BTX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 36 @ 1' (H234280-36)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.14	107	2.00	0.458		
Toluene*	<0.050	0.050	08/12/2023	ND	2.07	104	2.00	0.595		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.98	98.8	2.00	1.14		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.90	98.3	6.00	1.33		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 37 @ 1' (H234280-37)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.14	107	2.00	0.458		
Toluene*	<0.050	0.050	08/12/2023	ND	2.07	104	2.00	0.595		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.98	98.8	2.00	1.14		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.90	98.3	6.00	1.33		
Total BTX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 71.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 38 @ 1' (H234280-38)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.14	107	2.00	0.458	
Toluene*	<0.050	0.050	08/12/2023	ND	2.07	104	2.00	0.595	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.98	98.8	2.00	1.14	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.90	98.3	6.00	1.33	
Total BTEX	<0.300	0.300	08/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/11/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 39 @ 1' (H234280-39)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.14	107	2.00	0.458		
Toluene*	<0.050	0.050	08/12/2023	ND	2.07	104	2.00	0.595		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.98	98.8	2.00	1.14		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.90	98.3	6.00	1.33		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/11/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	164	82.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	173	86.6	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 40 @ 1' (H234280-40)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.14	107	2.00	0.458		
Toluene*	<0.050	0.050	08/12/2023	ND	2.07	104	2.00	0.595		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.98	98.8	2.00	1.14		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.90	98.3	6.00	1.33		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/10/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/10/2023	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 41 @ 1' (H234280-41)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.14	107	2.00	0.458		
Toluene*	<0.050	0.050	08/12/2023	ND	2.07	104	2.00	0.595		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.98	98.8	2.00	1.14		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.90	98.3	6.00	1.33		
Total BTX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/11/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/10/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/10/2023	ND					

Surrogate: 1-Chlorooctane 67.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 42 @ 1' (H234280-42)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.14	107	2.00	0.458		
Toluene*	<0.050	0.050	08/12/2023	ND	2.07	104	2.00	0.595		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.98	98.8	2.00	1.14		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.90	98.3	6.00	1.33		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/10/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/10/2023	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 43 @ 1' (H234280-43)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.14	107	2.00	0.458		
Toluene*	<0.050	0.050	08/12/2023	ND	2.07	104	2.00	0.595		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.98	98.8	2.00	1.14		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.90	98.3	6.00	1.33		
Total BTEx	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/11/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/10/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/10/2023	ND					

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 44 @ 1' (H234280-44)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.14	107	2.00	0.458		
Toluene*	<0.050	0.050	08/12/2023	ND	2.07	104	2.00	0.595		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.98	98.8	2.00	1.14		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.90	98.3	6.00	1.33		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/11/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/10/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/10/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 45 @ 1' (H234280-45)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.14	107	2.00	0.458		
Toluene*	<0.050	0.050	08/12/2023	ND	2.07	104	2.00	0.595		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.98	98.8	2.00	1.14		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.90	98.3	6.00	1.33		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/11/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/10/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/10/2023	ND					

Surrogate: 1-Chlorooctane 71.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 46 @ 1' (H234280-46)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2023	ND	2.14	107	2.00	0.458	
Toluene*	<0.050	0.050	08/13/2023	ND	2.07	104	2.00	0.595	
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	1.98	98.8	2.00	1.14	
Total Xylenes*	<0.150	0.150	08/13/2023	ND	5.90	98.3	6.00	1.33	
Total BTEX	<0.300	0.300	08/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/11/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 71.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 47 @ 1' (H234280-47)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2023	ND	2.14	107	2.00	0.458		
Toluene*	<0.050	0.050	08/13/2023	ND	2.07	104	2.00	0.595		
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	1.98	98.8	2.00	1.14		
Total Xylenes*	<0.150	0.150	08/13/2023	ND	5.90	98.3	6.00	1.33		
Total BTEX	<0.300	0.300	08/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 48 @ 1' (H234280-48)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2023	ND	2.14	107	2.00	0.458	
Toluene*	<0.050	0.050	08/13/2023	ND	2.07	104	2.00	0.595	
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	1.98	98.8	2.00	1.14	
Total Xylenes*	<0.150	0.150	08/13/2023	ND	5.90	98.3	6.00	1.33	
Total BTEX	<0.300	0.300	08/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/11/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 49 @ 1' (H234280-49)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 50 @ 1' (H234280-50)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/11/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 68.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 51 @ 1' (H234280-51)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/11/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 52 @ 1' (H234280-52)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 53 @ 1' (H234280-53)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 54 @ 1' (H234280-54)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/11/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 55 @ 1' (H234280-55)**

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	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/11/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 56 @ 1' (H234280-56)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/11/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 57 @ 1' (H234280-57)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/11/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 58 @ 1' (H234280-58)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/04/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 59 @ 1' (H234280-59)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	191	95.3	200	4.38	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	200	100	200	6.51	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 60 @ 1' (H234280-60)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTEx	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/11/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 61 @ 1' (H234280-61)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.3 % 49.1-148

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**Analytical Results For:**

BBC International, Inc.  
 Cliff Brunson  
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 Hobbs NM, 88241  
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Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 62 @ 1' (H234280-62)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 69.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 63 @ 1' (H234280-63)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/11/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	73.1	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	90.2	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 64 @ 1' (H234280-64)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTEx	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/11/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 73.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 49.1-148

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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 65 @ 1' (H234280-65)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTEx	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/11/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 66 @ 1' (H234280-66)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/11/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	90.8	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	92.3	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 67 @ 1' (H234280-67)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/11/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	89.2	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	105	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

BBC International, Inc.  
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 Hobbs NM, 88241  
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Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 68 @ 1' (H234280-68)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.95	97.5	2.00	6.61		
Toluene*	<0.050	0.050	08/12/2023	ND	1.85	92.6	2.00	7.57		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.91	95.5	2.00	6.86		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.71	95.1	6.00	6.28		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/11/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	67.5	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	68.5	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 72.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 69 @ 1' (H234280-69)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	3.28	
Toluene*	<0.050	0.050	08/12/2023	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	2.11	106	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	6.31	105	6.00	5.06	
Total BTEx	<0.300	0.300	08/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/11/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	88.7	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	111	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 68.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.5 % 49.1-148

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**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/07/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 70 @ 1' (H234280-70)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	3.28	
Toluene*	<0.050	0.050	08/12/2023	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	2.11	106	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	6.31	105	6.00	5.06	
Total BTEX	<0.300	0.300	08/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/11/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	109	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	111	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/07/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 71 @ 1' (H234280-71)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	3.28	
Toluene*	<0.050	0.050	08/12/2023	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	2.11	106	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	6.31	105	6.00	5.06	
Total BTEX	<0.300	0.300	08/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/11/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	88.7	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	96.8	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 71.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 72 @ 1' (H234280-72)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	3.28	
Toluene*	<0.050	0.050	08/12/2023	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	2.11	106	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	6.31	105	6.00	5.06	
Total BTEX	<0.300	0.300	08/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/11/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	120	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	162	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 49.1-148

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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 73 @ 1' (H234280-73)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	3.28	
Toluene*	<0.050	0.050	08/12/2023	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	2.11	106	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	6.31	105	6.00	5.06	
Total BTEx	<0.300	0.300	08/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/11/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	94.9	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	116	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 70.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/07/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 74 @ 1' (H234280-74)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	3.28	
Toluene*	<0.050	0.050	08/12/2023	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	2.11	106	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	6.31	105	6.00	5.06	
Total BTEx	<0.300	0.300	08/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/11/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	92.2	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	103	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 75 @ 1' (H234280-75)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	3.28	
Toluene*	<0.050	0.050	08/12/2023	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	2.11	106	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	6.31	105	6.00	5.06	
Total BTEX	<0.300	0.300	08/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/11/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	99.6	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	95.3	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 72.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 49.1-148

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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 76 @ 1' (H234280-76)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	3.28	
Toluene*	<0.050	0.050	08/12/2023	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	2.11	106	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	6.31	105	6.00	5.06	
Total BTEX	<0.300	0.300	08/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/11/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	12.1	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	49.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 65.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.3 % 49.1-148

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**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/07/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 77 @ 1' (H234280-77)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	3.28	
Toluene*	<0.050	0.050	08/12/2023	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	2.11	106	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	6.31	105	6.00	5.06	
Total BTEx	<0.300	0.300	08/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/11/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	93.9	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	78.9	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 65.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.3 % 49.1-148

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**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/07/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 78 @ 1' (H234280-78)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	3.28	
Toluene*	<0.050	0.050	08/12/2023	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	2.11	106	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	6.31	105	6.00	5.06	
Total BTEx	<0.300	0.300	08/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/11/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	101	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	106	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.9 % 49.1-148

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**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/07/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 79 @ 1' (H234280-79)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.12	106	2.00	3.28	
Toluene*	<0.050	0.050	08/12/2023	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	2.11	106	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	6.31	105	6.00	5.06	
Total BTEX	<0.300	0.300	08/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/11/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	167	83.4	200	0.264	
DRO >C10-C28*	116	10.0	08/11/2023	ND	152	76.0	200	1.60	
EXT DRO >C28-C36	104	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 70.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 80 @ 1' (H234280-80)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2023	ND	2.12	106	2.00	3.28	
Toluene*	<0.050	0.050	08/13/2023	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	2.11	106	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/13/2023	ND	6.31	105	6.00	5.06	
Total BTEX	<0.300	0.300	08/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/11/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	109	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	128	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/07/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 81 @ 1' (H234280-81)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2023	ND	2.12	106	2.00	3.28		
Toluene*	<0.050	0.050	08/13/2023	ND	2.04	102	2.00	4.00		
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	2.11	106	2.00	4.98		
Total Xylenes*	<0.150	0.150	08/13/2023	ND	6.31	105	6.00	5.06		
Total BTEx	<0.300	0.300	08/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/11/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	134	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	163	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 82 @ 1' (H234280-82)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2023	ND	2.12	106	2.00	3.28	
Toluene*	<0.050	0.050	08/13/2023	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	2.11	106	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/13/2023	ND	6.31	105	6.00	5.06	
Total BTEX	<0.300	0.300	08/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/11/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	121	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	149	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 83 @ 1' (H234280-83)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2023	ND	2.12	106	2.00	3.28		
Toluene*	<0.050	0.050	08/13/2023	ND	2.04	102	2.00	4.00		
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	2.11	106	2.00	4.98		
Total Xylenes*	<0.150	0.150	08/13/2023	ND	6.31	105	6.00	5.06		
Total BTEX	<0.300	0.300	08/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/11/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	155	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	210	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 84 @ 1' (H234280-84)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2023	ND	2.12	106	2.00	3.28	
Toluene*	<0.050	0.050	08/13/2023	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	2.11	106	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/13/2023	ND	6.31	105	6.00	5.06	
Total BTEX	<0.300	0.300	08/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/11/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	144	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	193	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/07/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 85 @ 1' (H234280-85)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2023	ND	2.12	106	2.00	3.28		
Toluene*	<0.050	0.050	08/13/2023	ND	2.04	102	2.00	4.00		
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	2.11	106	2.00	4.98		
Total Xylenes*	<0.150	0.150	08/13/2023	ND	6.31	105	6.00	5.06		
Total BTEx	<0.300	0.300	08/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/11/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	142	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	190	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 86 @ 1' (H234280-86)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2023	ND	2.12	106	2.00	3.28	
Toluene*	<0.050	0.050	08/13/2023	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	2.11	106	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/13/2023	ND	6.31	105	6.00	5.06	
Total BTEx	<0.300	0.300	08/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/11/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	316	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	291	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/07/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 87 @ 1' (H234280-87)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2023	ND	2.12	106	2.00	3.28		
Toluene*	<0.050	0.050	08/13/2023	ND	2.04	102	2.00	4.00		
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	2.11	106	2.00	4.98		
Total Xylenes*	<0.150	0.150	08/13/2023	ND	6.31	105	6.00	5.06		
Total BTEx	<0.300	0.300	08/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/11/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	138	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	172	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 88 @ 1' (H234280-88)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2023	ND	2.12	106	2.00	3.28	
Toluene*	<0.050	0.050	08/13/2023	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	2.11	106	2.00	4.98	
Total Xylenes*	<0.150	0.150	08/13/2023	ND	6.31	105	6.00	5.06	
Total BTEX	<0.300	0.300	08/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/11/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	100	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	128	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 89 @ 1' (H234280-89)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260		
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631		
Total BTEx	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/11/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	89.2	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	112	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 66.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 90 @ 1' (H234280-90)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260		
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/11/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	85.5	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	110	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 72.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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Notes and Definitions

- 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





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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc.		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>									
<b>Project Manager:</b> Cliff Brunson		<b>P.O. #:</b>											
<b>Address:</b> P.O. Box 805		<b>Company:</b> Oxy											
<b>City:</b> Hobbs		<b>Attn:</b>											
<b>State:</b> NM <b>Zip:</b> 88241		<b>Address:</b>											
<b>Phone #:</b> 575-397-6388		<b>City:</b>											
<b>Fax #:</b> 575-397-0397		<b>State:</b>											
<b>Project #:</b>		<b>Zip:</b>											
<b>Project Name:</b> NHU CTB 3/23/22, 10/1/22		<b>Phone #:</b>											
<b>Project Location:</b> New Mexico		<b>Fax #:</b>											
<b>Sampler Name:</b> SIMON RENDON													
<small>FOR LAB USE ONLY</small>													
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>(G)RAB OR (C)OMP.</b>		<b># CONTAINERS</b>		<b>MATRIX</b>		<b>PRESERV.</b>		<b>SAMPLING</b>	
H234280		BOTTOM SAMPLE 1@1'		✓		✓		✓		✓		✓	
1		BOTTOM SAMPLE 2@1'		✓		✓		✓		✓		✓	
2		BOTTOM SAMPLE 3@1'		✓		✓		✓		✓		✓	
3		BOTTOM SAMPLE 4@1'		✓		✓		✓		✓		✓	
4		BOTTOM SAMPLE 5@1'		✓		✓		✓		✓		✓	
5		BOTTOM SAMPLE 6@1'		✓		✓		✓		✓		✓	
6		BOTTOM SAMPLE 7@1'		✓		✓		✓		✓		✓	
7		BOTTOM SAMPLE 8@1'		✓		✓		✓		✓		✓	
8		BOTTOM SAMPLE 9@1'		✓		✓		✓		✓		✓	
9		BOTTOM SAMPLE 10@1'		✓		✓		✓		✓		✓	
10													
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<b>Reinquished By:</b>		<b>Date:</b> 8-9-23		<b>Received By:</b>		<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Add'l Phone #:</b>					
<b>Time:</b> 1635				<b>Time:</b>		<b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Add'l Fax #:</b>					
<b>Date:</b> 8-9-23				<b>REMARKS:</b>									
<b>Time:</b>													
<b>Delivered By:</b> (Circle One)		<b>Sample Condition</b>		<b>CHECKED BY:</b>									
<b>Sampler - UPS - Bus - Other:</b>		<b>Cool</b> <input checked="" type="checkbox"/> <b>Intact</b> <input checked="" type="checkbox"/>		<b>(Initials)</b>									
		<b>Yes</b> <input checked="" type="checkbox"/> <b>No</b> <input type="checkbox"/>											
		<b>Yes</b> <input checked="" type="checkbox"/> <b>No</b> <input type="checkbox"/>											

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc.		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>									
<b>Project Manager:</b> Cliff Brunson		<b>P.O. #:</b>											
<b>Address:</b> P.O. Box 805		<b>Company:</b> Oxy											
<b>City:</b> Hobbs		<b>Attn:</b>											
<b>State:</b> NM <b>Zip:</b> 88241		<b>Address:</b>											
<b>Phone #:</b> 575-397-6388 <b>Fax #:</b> 575-397-0397		<b>City:</b>											
<b>Project #:</b>		<b>State:</b>											
<b>Project Name:</b> NHU CTB 3/23/22, 10/1/22		<b>Zip:</b>											
<b>Project Location:</b> New Mexico		<b>Phone #:</b>											
<b>Sample Name:</b> SIMON RENDON		<b>Fax #:</b>											
<small>FOR LAB USE ONLY</small>													
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>(G)RAB OR (C)OMP.</b>		<b># CONTAINERS</b>		<b>MATRIX</b>		<b>PRESERV</b>		<b>SAMPLING</b>	
H234280		BOTTOM SAMPLE 11@1'		6		1		GROUNDWATER				8/3/23 10:26AM	
11		BOTTOM SAMPLE 12@1'						WASTEWATER				8/3/23 10:41AM	
12		BOTTOM SAMPLE 13@1'						SOIL				8/3/23 10:54AM	
13		BOTTOM SAMPLE 14@1'						OIL				8/3/23 11:12AM	
14		BOTTOM SAMPLE 15@1'						SLUDGE				8/3/23 11:25AM	
15		BOTTOM SAMPLE 16@1'						OTHER :				8/3/23 11:42AM	
16		BOTTOM SAMPLE 17@1'						ACID/BASE:				8/3/23 11:55AM	
17		BOTTOM SAMPLE 18@2'						ICE / COOL				8/3/23 12:45PM	
18		BOTTOM SAMPLE 19@2'						OTHER :				8/3/23 1:04PM	
19		BOTTOM SAMPLE 20@2'										8/3/23 1:16PM	
20													
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<b>Relinquished By:</b>		<b>Date:</b> 8-9-23		<b>Received By:</b>		<b>Phone Result:</b>		<b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>		<b>Add'l Phone #:</b>			
<b>Relinquished By:</b>		<b>Time:</b> 7:43		<b>Received By:</b>		<b>Fax Result:</b>		<b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>		<b>Add'l Fax #:</b>			
<b>Relinquished By:</b>		<b>Date:</b>		<b>Received By:</b>		<b>REMARKS:</b>							
<b>Relinquished By:</b>		<b>Time:</b>		<b>Received By:</b>									
<b>Delivered By:</b> (Circle One)		<b>Sample Condition:</b>		<b>CHECKED BY:</b>									
<b>Sampler - UPS - Bus - Other:</b>		<b>Cool</b> <input checked="" type="checkbox"/> <b>Intact</b> <input checked="" type="checkbox"/>		<b>Initials</b>									
		<b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>											
		<b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>											

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

<b>Company Name:</b> BBC International, Inc.		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>									
<b>Project Manager:</b> Cliff Brunson		<b>P.O. #:</b>											
<b>Address:</b> P.O. Box 805		<b>Company:</b> Oxy											
<b>City:</b> Hobbs		<b>Attn:</b>											
<b>State:</b> NM <b>zip:</b> 88241													
<b>Phone #:</b> 575-397-6388		<b>Fax #:</b> 575-397-0397											
<b>Project #:</b>		<b>Address:</b>											
<b>Project Name:</b> NHU CTB 3/23/22, 10/1/22		<b>City:</b>											
<b>Project Location:</b> New Mexico		<b>State:</b>											
<b>Sampler Name:</b> SIMON RENDON		<b>Phone #:</b>											
<b>Fax #:</b>													
<b>FOR LAB USE ONLY</b>													
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>(G)RAB OR (C)OMP.</b>		<b># CONTAINERS</b>		<b>MATRIX</b>		<b>PRESERV.</b>		<b>SAMPLING</b>	
H234280		BOTTOM SAMPLE 21@ 2'		✓		✓		✓		✓		✓	
21		BOTTOM SAMPLE 22@ 2'		✓		✓		✓		✓		✓	
22		BOTTOM SAMPLE 23@ 2'		✓		✓		✓		✓		✓	
23		BOTTOM SAMPLE 24@ 2'		✓		✓		✓		✓		✓	
24		BOTTOM SAMPLE 25@ 2'		✓		✓		✓		✓		✓	
25		BOTTOM SAMPLE 26@ 2'		✓		✓		✓		✓		✓	
26		BOTTOM SAMPLE 27@ 2'		✓		✓		✓		✓		✓	
27		BOTTOM SAMPLE 28@ 2'		✓		✓		✓		✓		✓	
28		BOTTOM SAMPLE 29@ 2'		✓		✓		✓		✓		✓	
29		BOTTOM SAMPLE 30@ 2'		✓		✓		✓		✓		✓	
30													
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<b>Relinquished By:</b>		<b>Date:</b> 8-9-23		<b>Received By:</b>		<b>Time:</b> 10:35		<b>Received By:</b>		<b>Time:</b>		<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Relinquished By:</b>		<b>Date:</b>		<b>Received By:</b>		<b>Time:</b>		<b>Received By:</b>		<b>Time:</b>		<b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Delivered By:</b> (Circle One)		<b>Sample Condition</b>		<b>CHECKED BY:</b> (Initials)									
<b>Sampler - UPS - Bus - Other:</b>		<b>Cool Intact</b>											
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No											

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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc. <b>Project Manager:</b> Cliff Brunson <b>Address:</b> P.O. Box 805 <b>City:</b> Hobbs <b>State:</b> NM <b>Zip:</b> 88241 <b>Phone #:</b> 575-397-6388 <b>Fax #:</b> 575-397-0397 <b>Project #:</b> <b>Project Name:</b> NHU CTB 3/23/22, 10/1/22 <b>Project Location:</b> New Mexico <b>Project Owner:</b> Oxy				<b>P.O. #:</b> <b>Company:</b> Oxy <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>			
<b>Sample Name:</b> SIMON RENDON <b>FOR LAB USE ONLY</b>				<b>Matrix:</b> <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER : <b>Preserv:</b> <input type="checkbox"/> ACID/BASE: <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER :			
<b>Lab I.D.</b> H234280		<b>Sample I.D.</b>		<b>DATE</b>		<b>TIME</b>	
31 BOTTOM SAMPLE 31@ 2' 32 BOTTOM SAMPLE 32@ 2' 33 BOTTOM SAMPLE 33@ 2' 34 BOTTOM SAMPLE 34@ 1' 35 BOTTOM SAMPLE 35@ 1' 36 BOTTOM SAMPLE 36@ 1' 37 BOTTOM SAMPLE 37@ 1' 38 BOTTOM SAMPLE 38@ 1' 39 BOTTOM SAMPLE 39@ 1' 40 BOTTOM SAMPLE 40@ 1'		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		8/4/23 8:15AM 8/4/23 8:28AM 8/4/23 8:42AM 8/4/23 8:53AM 8/4/23 9:08AM 8/4/23 9:21AM 8/4/23 9:33AM 8/4/23 9:47AM 8/4/23 10:04AM 8/4/23 10:17AM		Chloride BTEX TPHEXT	
<b>Relinquished By:</b> 				<b>Received By:</b> 			
<b>Date:</b> 8-9-23 <b>Time:</b> 7:35 <b>Date:</b> 7/6/35 <b>Time:</b>				<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b>			
<b>Delivered By:</b> (Circle One) Sampler - UPS - Bus - Other:				<b>Sample Condition:</b> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>CHECKED BY:</b> (Initials)			
<b>Remarks:</b>				<b>Remarks:</b>			





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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				<b>BILL TO</b>				ANALYSIS REQUEST											
Project Manager: Cliff Brunson				P.O. #:															
Address: P.O. Box 805				Company: Oxy															
City: Hobbs				Attn:															
State: NM Zip: 88241				Address:															
Phone #: 575-397-6388				Fax #: 575-397-0397															
Project #:				City:															
Project Name: NHU CTB 3/23/22, 10/1/22				State: Zip:															
Project Location: New Mexico				Phone #:															
Sample Name: SIMON RENDON				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		DATE		TIME		Chloride		BTEX		TPHEXT			
4571		BOTTOM SAMPLE 41@ 1'		✓		✓		8/4/23		10:30AM		✓		✓		✓			
4572		BOTTOM SAMPLE 42@ 1'		✓		✓		8/4/23		10:42AM		✓		✓		✓			
4573		BOTTOM SAMPLE 43@ 1'		✓		✓		8/4/23		10:54AM		✓		✓		✓			
4574		BOTTOM SAMPLE 44@ 1'		✓		✓		8/4/23		11:06AM		✓		✓		✓			
4575		BOTTOM SAMPLE 45@ 1'		✓		✓		8/4/23		11:19AM		✓		✓		✓			
4576		BOTTOM SAMPLE 46@ 1'		✓		✓		8/4/23		11:32AM		✓		✓		✓			
4577		BOTTOM SAMPLE 47@ 1'		✓		✓		8/4/23		11:49AM		✓		✓		✓			
4578		BOTTOM SAMPLE 48@ 1'		✓		✓		8/4/23		12:07PM		✓		✓		✓			
4579		BOTTOM SAMPLE 49@ 1'		✓		✓		8/4/23		12:47PM		✓		✓		✓			
5800		BOTTOM SAMPLE 50@ 1'		✓		✓		8/4/23		1:09PM		✓		✓		✓			
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Relinquished By:				Date: 8-9-23				Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #: _____			
Time: 1635				Date: 8-9-23				Time: _____				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #: _____			
Relinquished By: _____				Time: _____				Received By: _____				Time: _____				REMARKS: _____			
Delivered By: (Circle One)				Sample Condition				CHECKED BY: (Initials)											
Sampler - UPS - Bus - Other: -7.4°C				<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No				yts											

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## ARDINAL LABORATORIES

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				<b>BILL TO</b>				ANALYSIS REQUEST			
Project Manager: Cliff Brunson				P.O. #:							
Address: P.O. Box 805				Company: Oxy							
City: Hobbs				Attn:							
Phone #: 575-397-6388				Address:							
Fax #: 575-397-0397				City:							
Project #: Project Owner: Oxy				State:							
Project Name: NHU CTB 3/23/22, 10/1/22				Zip:							
Project Location: New Mexico				Phone #:							
Sampler Name: SIMON RENDON				Fax #:							
FOR LAB USE ONLY											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER	
								SOIL		OIL	
								SLUDGE		OTHER :	
								ACID/BASE:		ICE / COOL	
								OTHER :			
								DATE		TIME	
H234280		BOTTOM SAMPLE 51@ 1'		8/4/23		1:21PM		✓		Chloride	
S1		BOTTOM SAMPLE 52@ 1'		8/4/23		1:34PM		✓		BTEX	
S2		BOTTOM SAMPLE 53@ 1'		8/4/23		1:57PM		✓		TPHEXT	
S3		BOTTOM SAMPLE 54@ 1'		8/4/23		2:09PM		✓			
S4		BOTTOM SAMPLE 55@ 1'		8/4/23		2:22PM		✓			
S5		BOTTOM SAMPLE 56@ 1'		8/4/23		2:40PM		✓			
S6		BOTTOM SAMPLE 57@ 1'		8/4/23		3:00PM		✓			
S7		BOTTOM SAMPLE 58@ 1'		8/4/23		3:17PM		✓			
S8		BOTTOM SAMPLE 59@ 1'		8/4/23		3:34PM		✓			
S9		BOTTOM SAMPLE 60@ 1'		8/7/23		8:05AM		✓			

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Relinquished By:	Date: 8-9-23	Received By:	Date: 8-9-23
Time: 1:35	Time: 1:35	Time: 1:35	Time: 1:35
Signature: [Signature]	Signature: [Signature]	Signature: [Signature]	Signature: [Signature]

Delivered By: (Circle One) ☒ UPS ☐ Bus ☐ Other: ☐   
 \$140

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

CHECKED BY: (Initials) ☒ [Signature]

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

<b>Company Name:</b> BBC International, Inc.		<b>BILL TO</b>		<b>P.O. #:</b>			<b>ANALYSIS REQUEST</b>
<b>Project Manager:</b> Cliff Brunson				<b>Company:</b> Oxy			
<b>Address:</b> P.O. Box 805				<b>Attn:</b>			
<b>City:</b> Hobbs		<b>State:</b> NM		<b>Zip:</b> 88241			
<b>Phone #:</b> 575-397-6388		<b>Fax #:</b> 575-397-0397		<b>Address:</b>			
<b>Project #:</b>		<b>Project Owner:</b> Oxy		<b>City:</b>			
<b>Project Name:</b> NHU CTB 3/23/22, 10/1/22		<b>State:</b>		<b>Zip:</b>			
<b>Project Location:</b> New Mexico		<b>Phone #:</b>					
<b>Sample Name:</b> SIMON RENDON		<b>Fax #:</b>					
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	PRESERV. ACID/BASE: ICE / COOL OTHER :	SAMPLING DATE	TIME
H234280	C1 BOTTOM SAMPLE 61@ 1'	G	1			8/7/23	8:12AM
	C2 BOTTOM SAMPLE 62@ 1'					8/7/23	8:20AM
	C3 BOTTOM SAMPLE 63@ 1'					8/7/23	8:32AM
	C4 BOTTOM SAMPLE 64@ 1'					8/7/23	8:40AM
	C5 BOTTOM SAMPLE 65@ 1'					8/7/23	8:51AM
	C6 BOTTOM SAMPLE 66@ 1'					8/7/23	9:03AM
	C7 BOTTOM SAMPLE 67@ 1'					8/7/23	9:16AM
	C8 BOTTOM SAMPLE 68@ 1'					8/7/23	9:28AM
	C7 BOTTOM SAMPLE 69@ 1'					8/7/23	9:40AM
	C0 BOTTOM SAMPLE 70@ 1'					8/7/23	9:51AM
<small>PLEASE NOTE: Labing and Damages: Customer's liability and owner'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 will 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 accessories arising out of or related to the performance of services hereunder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>							
<b>Relinquished By:</b>		<b>Date:</b> 8-9-23		<b>Received By:</b>		<b>Phone Result:</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
<b>Time:</b> 7:35				<b>REMARKS:</b>		<b>Add'l Phone #:</b>	
<b>Relinquished By:</b>		<b>Date:</b>		<b>Received By:</b>		<b>Add'l Fax #:</b>	
<b>Time:</b>							
<b>Delivered By: (Circle One)</b>		<b>Sample Condition</b>		<b>CHECKED BY:</b>			
Sampler - UPS - Bus - Other:		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/>		(Initials) <b>A.E.</b>			
-7.4°C							



**CARDINAL LABORATORIES**

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

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

<b>Company Name:</b> BBC International, Inc. <b>Project Manager:</b> Cliff Brunson <b>Address:</b> P.O. Box 805 <b>City:</b> Hobbs <b>Phone #:</b> 575-397-6388 <b>Project #:</b> <b>Project Name:</b> NHU CTB 3/23/22, 10/1/22 <b>Project Location:</b> New Mexico <b>Sampler Name:</b> SIMON RENDON				<b>BILL TO</b> <b>P.O. #:</b> <b>Company:</b> Oxy <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>				<b>ANALYSIS REQUEST</b>							
<b>State:</b> NM <b>Zip:</b> 88241 <b>Fax #:</b> 575-397-0397 <b>Project Owner:</b> Oxy															
<b>FOR LAB USE ONLY</b>															
<b>Lab I.D.</b> <b>Sample I.D.</b>				<b>(G)RAB OR (C)OMP.</b> <b># CONTAINERS</b> <b>GROUNDWATER</b> <b>WASTEWATER</b> <b>SOIL</b> <b>OIL</b> <b>SLUDGE</b> <b>OTHER :</b>				<b>MATRIX</b> <b>ACID/BASE:</b> <b>ICE / COOL</b> <b>OTHER :</b>				<b>PRESERV</b> <b>SAMPLING</b>			
<b>DATE</b> <b>TIME</b>				<b>DATE</b> <b>TIME</b>				<b>DATE</b> <b>TIME</b>							
<b>71</b> BOTTOM SAMPLE 71@ 1'				<b>8/7/23</b> 10:04AM				<b>Chloride</b>							
<b>72</b> BOTTOM SAMPLE 72@ 1'				<b>8/7/23</b> 10:16AM				<b>BTEX</b>							
<b>73</b> BOTTOM SAMPLE 73@ 1'				<b>8/7/23</b> 10:28AM				<b>TPH EXT</b>							
<b>74</b> BOTTOM SAMPLE 74@ 1'				<b>8/7/23</b> 10:40AM											
<b>75</b> BOTTOM SAMPLE 75@ 1'				<b>8/7/23</b> 10:53AM											
<b>76</b> BOTTOM SAMPLE 76@ 1'				<b>8/7/23</b> 11:06AM											
<b>77</b> BOTTOM SAMPLE 77@ 1'				<b>8/7/23</b> 11:19AM											
<b>78</b> BOTTOM SAMPLE 78@ 1'				<b>8/7/23</b> 11:32AM											
<b>79</b> BOTTOM SAMPLE 79@ 1'				<b>8/7/23</b> 11:41AM											
<b>80</b> BOTTOM SAMPLE 80@ 1'				<b>8/7/23</b> 11:52AM											

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<b>Relinquished By:</b> <i>[Signature]</i> <b>Date:</b> 8-7-23 <b>Time:</b> 7:45		<b>Received By:</b> <i>[Signature]</i> <b>Date:</b> 8-7-23 <b>Time:</b> 7:45		<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>ADD'l Phone #:</b> <b>ADD'l Fax #:</b>	
<b>Delivered By: (Circle One)</b> Sampler - UPS - Bus - Other: <i>7.45</i>		<b>Sample Condition</b> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		<b>CHECKED BY:</b> (Initials)	

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





**ORDINAL LABORATORIES**

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.										<b>BILL TO</b>										<b>ANALYSIS REQUEST</b>																																																	
Project Manager: Cliff Brunson										P.O. #:																																																											
Address: P.O. Box 805										Company: Oxy																																																											
City: Hobbs										Attn:																																																											
State: NM										Zip: 88241																																																											
Phone #: 575-397-6388										Address:																																																											
Fax #: 575-397-0397										City:																																																											
Project #: Project Owner: Oxy										State:																																																											
Project Name: NHU CTB 3/23/22, 10/1/22										Zip:																																																											
Project Location: New Mexico										Phone #:																																																											
Fax #:																																																																					
Sample Name: SIMON RENDON										PRESERV										SAMPLING																																																	
FOR LAB USE ONLY										MATRIX																																																											
Lab I.D.										Sample I.D.																																																											
H234280																																																																					
81										BOTTOM SAMPLE 81@ 1'										DATE										TIME										Chloride										BTEx										TPHEXT									
82										BOTTOM SAMPLE 82@ 1'										8/7/23										12:41PM										✓										✓										✓									
83										BOTTOM SAMPLE 83@ 1'										8/7/23										12:52PM										✓										✓										✓									
84										BOTTOM SAMPLE 84@ 1'										8/7/23										1:12PM										✓										✓										✓									
85										BOTTOM SAMPLE 85@ 1'										8/7/23										1:24PM										✓										✓										✓									
86										BOTTOM SAMPLE 86@ 1'										8/7/23										1:40PM										✓										✓										✓									
87										BOTTOM SAMPLE 87@ 1'										8/7/23										1:53PM										✓										✓										✓									
88										BOTTOM SAMPLE 88@ 1'										8/7/23										2:08PM										✓										✓										✓									
89										BOTTOM SAMPLE 89@ 1'										8/7/23										2:20PM										✓										✓										✓									
90										BOTTOM SAMPLE 90@ 1'										8/7/23										2:33PM										✓										✓										✓									
91										BOTTOM SAMPLE 91@ 1'										8/7/23										2:44PM										✓										✓										✓									
92										BOTTOM SAMPLE 92@ 1'										8/7/23										2:44PM										✓										✓										✓									
93										BOTTOM SAMPLE 93@ 1'										8/7/23										2:44PM										✓										✓										✓									
94										BOTTOM SAMPLE 94@ 1'										8/7/23										2:44PM										✓										✓										✓									
95										BOTTOM SAMPLE 95@ 1'										8/7/23										2:44PM										✓										✓										✓									
96										BOTTOM SAMPLE 96@ 1'										8/7/23										2:44PM										✓										✓										✓									
97										BOTTOM SAMPLE 97@ 1'										8/7/23										2:44PM										✓										✓										✓									
98										BOTTOM SAMPLE 98@ 1'										8/7/23										2:44PM										✓										✓										✓									
99										BOTTOM SAMPLE 99@ 1'										8/7/23										2:44PM										✓										✓										✓									
100										BOTTOM SAMPLE 100@ 1'										8/7/23										2:44PM										✓										✓										✓									
101										BOTTOM SAMPLE 101@ 1'										8/7/23										2:44PM										✓										✓										✓									
102										BOTTOM SAMPLE 102@ 1'										8/7/23										2:44PM										✓										✓										✓									
103										BOTTOM SAMPLE 103@ 1'										8/7/23										2:44PM										✓										✓										✓									
104										BOTTOM SAMPLE 104@ 1'										8/7/23										2:44PM										✓										✓										✓									
105										BOTTOM SAMPLE 105@ 1'										8/7/23										2:44PM										✓										✓										✓									
106										BOTTOM SAMPLE 106@ 1'										8/7/23										2:44PM										✓										✓										✓									
107										BOTTOM SAMPLE 107@ 1'										8/7/23										2:44PM										✓										✓										✓									
108										BOTTOM SAMPLE 108@ 1'										8/7/23										2:44PM										✓										✓										✓									
109										BOTTOM SAMPLE 109@ 1'										8/7/23										2:44PM										✓										✓										✓									
110										BOTTOM SAMPLE 110@ 1'										8/7/23										2:44PM										✓										✓										✓									
111										BOTTOM SAMPLE 111@ 1'										8/7/23										2:44PM										✓										✓										✓									
112										BOTTOM SAMPLE 112@ 1'										8/7/23										2:44PM										✓										✓										✓									
113										BOTTOM SAMPLE 113@ 1'										8/7/23										2:44PM										✓										✓										✓									
114										BOTTOM SAMPLE 114@ 1'										8/7/23										2:44PM										✓										✓										✓									
115										BOTTOM SAMPLE 115@ 1'										8/7/23										2:44PM										✓										✓										✓									
116										BOTTOM SAMPLE 116@ 1'										8/7/23										2:44PM										✓										✓										✓									
117										BOTTOM SAMPLE 117@ 1'										8/7/23										2:44PM										✓										✓										✓									
118										BOTTOM SAMPLE 118@ 1'										8/7/23										2:44PM										✓																													





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

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August 16, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NHU CTB 3/23/22, 10/1/22

Enclosed are the results of analyses for samples received by the laboratory on 08/09/23 16:35.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 91 @ 1' (H234281-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260	
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631	
Total BTEX	<0.300	0.300	08/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	112	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	131	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 92 @ 1' (H234281-02)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260		
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	118	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	143	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 93 @ 1' (H234281-03)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260		
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	219	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	221	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 94 @ 1' (H234281-04)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260		
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	646	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	606	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 95 @ 1' (H234281-05)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260		
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	342	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	351	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 96 @ 1' (H234281-06)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260		
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	432	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	424	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 97 @ 1' (H234281-07)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260		
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	87.6	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	117	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/08/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 98 @ 1' (H234281-08)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260		
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208		
DRO >C10-C28*	94.0	10.0	08/11/2023	ND	172	85.8	200	0.918		
EXT DRO >C28-C36	111	10.0	08/11/2023	ND						

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 99 @ 1' (H234281-09)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260		
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	170	84.9	200	0.208	
DRO >C10-C28*	112	10.0	08/11/2023	ND	172	85.8	200	0.918	
EXT DRO >C28-C36	125	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 50.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 100 @ 1' (H234281-10)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260		
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	217	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	230	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 101 @ 1' (H234281-11)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260	
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631	
Total BTX	<0.300	0.300	08/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	52.6	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 102 @ 1' (H234281-12)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260		
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	336	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	404	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 103 @ 1' (H234281-13)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260		
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631		
Total BTEx	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	447	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	526	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 151 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 104 @ 1' (H234281-14)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260	
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631	
Total BTX	<0.300	0.300	08/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	251	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	382	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 105 @ 1' (H234281-15)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260		
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631		
Total BTX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	312	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	417	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 106 @ 1' (H234281-16)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260		
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	71.8	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/08/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 107 @ 1' (H234281-17)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260		
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631		
Total BTEx	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	52.6	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	85.8	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 108 @ 1' (H234281-18)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	1.96	97.8	2.00	0.260		
Toluene*	<0.050	0.050	08/12/2023	ND	1.87	93.3	2.00	0.843		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.88	93.9	2.00	0.711		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.49	91.4	6.00	0.0631		
Total BTEx	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	21.4	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 109 @ 1' (H234281-19)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.01	101	2.00	0.236	
Toluene*	<0.050	0.050	08/12/2023	ND	1.92	96.2	2.00	0.140	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.94	97.1	2.00	0.393	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.69	94.8	6.00	0.517	
Total BTEx	<0.300	0.300	08/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	11.1	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 110 @ 1' (H234281-20)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.01	101	2.00	0.236		
Toluene*	<0.050	0.050	08/12/2023	ND	1.92	96.2	2.00	0.140		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.94	97.1	2.00	0.393		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.69	94.8	6.00	0.517		
Total BTEx	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	89.7	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	119	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 111 @ 1' (H234281-21)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.01	101	2.00	0.236		
Toluene*	<0.050	0.050	08/12/2023	ND	1.92	96.2	2.00	0.140		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.94	97.1	2.00	0.393		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.69	94.8	6.00	0.517		
Total BTEX	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	43.3	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	84.9	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/08/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 112 @ 1' (H234281-22)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.01	101	2.00	0.236		
Toluene*	<0.050	0.050	08/12/2023	ND	1.92	96.2	2.00	0.140		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.94	97.1	2.00	0.393		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.69	94.8	6.00	0.517		
Total BTEx	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	25.3	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	52.3	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 113 @ 1' (H234281-23)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.01	101	2.00	0.236		
Toluene*	<0.050	0.050	08/12/2023	ND	1.92	96.2	2.00	0.140		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.94	97.1	2.00	0.393		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.69	94.8	6.00	0.517		
Total BTEx	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	35.6	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	56.9	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 114 @ 1' (H234281-24)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.01	101	2.00	0.236		
Toluene*	<0.050	0.050	08/12/2023	ND	1.92	96.2	2.00	0.140		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.94	97.1	2.00	0.393		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.69	94.8	6.00	0.517		
Total BTEx	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	08/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	60.6	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	98.8	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 115 @ 1' (H234281-25)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.01	101	2.00	0.236		
Toluene*	<0.050	0.050	08/12/2023	ND	1.92	96.2	2.00	0.140		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.94	97.1	2.00	0.393		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.69	94.8	6.00	0.517		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/13/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	18.5	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	44.7	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 116 @ 1' (H234281-26)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.01	101	2.00	0.236		
Toluene*	<0.050	0.050	08/12/2023	ND	1.92	96.2	2.00	0.140		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.94	97.1	2.00	0.393		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.69	94.8	6.00	0.517		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	12.5	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	30.6	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 117 @ 1' (H234281-27)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.01	101	2.00	0.236		
Toluene*	<0.050	0.050	08/12/2023	ND	1.92	96.2	2.00	0.140		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.94	97.1	2.00	0.393		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.69	94.8	6.00	0.517		
Total BTEx	<0.300	0.300	08/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	20.2	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 118 @ 1' (H234281-28)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.01	101	2.00	0.236		
Toluene*	<0.050	0.050	08/12/2023	ND	1.92	96.2	2.00	0.140		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.94	97.1	2.00	0.393		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.69	94.8	6.00	0.517		
Total BTEx	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	19.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 119 @ 1' (H234281-29)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2023	ND	2.01	101	2.00	0.236		
Toluene*	<0.050	0.050	08/12/2023	ND	1.92	96.2	2.00	0.140		
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.94	97.1	2.00	0.393		
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.69	94.8	6.00	0.517		
Total BTEX	<0.300	0.300	08/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	166	83.2	200	1.07	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	160	79.9	200	2.10	
EXT DRO >C28-C36	10.3	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/09/2023  
 Reported: 08/16/2023  
 Project Name: NHU CTB 3/23/22, 10/1/22  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/08/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BOTTOM SAMPLE 120 @ 1' (H234281-30)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2023	ND	2.01	101	2.00	0.236	
Toluene*	<0.050	0.050	08/12/2023	ND	1.92	96.2	2.00	0.140	
Ethylbenzene*	<0.050	0.050	08/12/2023	ND	1.94	97.1	2.00	0.393	
Total Xylenes*	<0.150	0.150	08/12/2023	ND	5.69	94.8	6.00	0.517	
Total BTEX	<0.300	0.300	08/12/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/13/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	174	87.0	200	1.38	
DRO >C10-C28*	<10.0	10.0	08/11/2023	ND	180	90.1	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/08/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 121 @ 1' (H234281-31)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2023	ND	2.01	101	2.00	0.236		
Toluene*	<0.050	0.050	08/13/2023	ND	1.92	96.2	2.00	0.140		
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	1.94	97.1	2.00	0.393		
Total Xylenes*	<0.150	0.150	08/13/2023	ND	5.69	94.8	6.00	0.517		
Total BTEx	<0.300	0.300	08/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	174	87.0	200	1.38	
DRO >C10-C28*	172	10.0	08/11/2023	ND	180	90.1	200	2.02	
EXT DRO >C28-C36	164	10.0	08/11/2023	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	08/09/2023	Sampling Date:	08/08/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	NHU CTB 3/23/22, 10/1/22	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 122 @ 1' (H234281-32)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2023	ND	2.01	101	2.00	0.236		
Toluene*	<0.050	0.050	08/13/2023	ND	1.92	96.2	2.00	0.140		
Ethylbenzene*	<0.050	0.050	08/13/2023	ND	1.94	97.1	2.00	0.393		
Total Xylenes*	<0.150	0.150	08/13/2023	ND	5.69	94.8	6.00	0.517		
Total BTEX	<0.300	0.300	08/13/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/13/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/11/2023	ND	174	87.0	200	1.38		
DRO >C10-C28*	14.7	10.0	08/11/2023	ND	180	90.1	200	2.02		
EXT DRO >C28-C36	10.5	10.0	08/11/2023	ND						

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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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 "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager





ARDINAL LABORATORIES

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]





## ORDINAL LABORATORIES

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc. <b>Project Manager:</b> Cliff Brunson <b>Address:</b> P.O. Box 805 <b>City:</b> Hobbs <b>State:</b> NM <b>Zip:</b> 88241 <b>Phone #:</b> 575-397-6388 <b>Fax #:</b> 575-397-0397 <b>Project #:</b> <b>Project Owner:</b> Oxy <b>Project Name:</b> NHU CTB 3/23/22, 10/1/22 <b>Project Location:</b> New Mexico <b>Sampler Name:</b> SIMON RENDON				<b>P.O. #:</b> <b>Company:</b> Oxy <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>					
FOR LAB USE ONLY				<b>BILL TO</b>					
<b>Lab I.D.</b> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>Sample I.D.</b> </div>		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE : ICE / COOL OTHER :		MATRIX PRESERV SAMPLING		DATE TIME		Chloride BTEX TPH/EXT	
11 BOTTOM SAMPLE 101@ 1'		8/8/23 9:28AM		✓					
12 BOTTOM SAMPLE 102@ 1'		8/8/23 9:43AM		✓					
13 BOTTOM SAMPLE 103@ 1'		8/8/23 9:57AM		✓					
14 BOTTOM SAMPLE 104@ 1'		8/8/23 10:12AM		✓					
15 BOTTOM SAMPLE 105@ 1'		8/8/23 10:25AM		✓					
16 BOTTOM SAMPLE 106@ 1'		8/8/23 10:42AM		✓					
17 BOTTOM SAMPLE 107@ 1'		8/8/23 10:56AM		✓					
18 BOTTOM SAMPLE 108@ 1'		8/8/23 11:16AM		✓					
19 BOTTOM SAMPLE 109@ 1'		8/8/23 11:34AM		✓					
20 BOTTOM SAMPLE 110@ 1'		8/8/23 11:51AM		✓					

**PLEASE NOTE:** Sampling and Drilling Contractors liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by this 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 remedies or otherwise.

<b>Relinquished By:</b>		<b>Date:</b> 8-9-23		<b>Received By:</b>		<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b>	
<b>Relinquished By:</b>		<b>Date:</b> 7-10-23		<b>Received By:</b>		<b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b>	
<b>REMARKS:</b>							

**Delivered By:** (Circle One) **#140**

**Sampler - UPS - Bus - Other:** **-7.4°C**

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





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

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc. <b>Project Manager:</b> Cliff Brunson <b>Address:</b> P.O. Box 805 <b>City:</b> Hobbs <b>State:</b> NM <b>zip:</b> 88241 <b>Phone #:</b> 575-397-6388 <b>Fax #:</b> 575-397-0397 <b>Project #:</b> <b>Project Owner:</b> Oxy <b>Project Name:</b> NHU CTB 3/23/22, 10/1/22 <b>Project Location:</b> New Mexico <b>Sampler Name:</b> SIMON RENDON				<b>P.O. #:</b> <b>Company:</b> Oxy <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>			
<b>Lab I.D.</b>				<b>Sample I.D.</b>			
FOR LAB USE ONLY				(G)RAB OR (C)OMP.			
# CONTAINERS				GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :			
ACID/BASE: ICE / COOL OTHER :				DATE			
TIME				TIME			
BOTTOM SAMPLE 111@ 1'				8/8/23 12:47PM			
BOTTOM SAMPLE 112@ 1'				8/8/23 1:10PM			
BOTTOM SAMPLE 113@ 1'				8/8/23 1:22PM			
BOTTOM SAMPLE 114@ 1'				8/8/23 1:37PM			
BOTTOM SAMPLE 115@ 1'				8/8/23 1:52PM			
BOTTOM SAMPLE 116@ 1'				8/8/23 2:12PM			
BOTTOM SAMPLE 117@ 1'				8/8/23 2:29PM			
BOTTOM SAMPLE 118@ 1'				8/8/23 2:44PM			
BOTTOM SAMPLE 119@ 1'				8/8/23 3:05PM			
BOTTOM SAMPLE 120@ 1'				8/8/23 3:21PM			

PLEASE NOTE: Liability and Damages: Contractor's safety and claims exclusive remedy for any claim arising within 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 Capital within 30 days after completion of the applicable service. In no event shall Capital 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 Capital regardless of whether such claim is based upon any of the above stated theories or otherwise.

<b>Relinquished By:</b>		<b>Date:</b> 8-9-23		<b>Received By:</b>	
<b>Relinquished By:</b>		<b>Date:</b> 10-3-23		<b>Received By:</b>	
<b>Time:</b>		<b>Time:</b>		<b>Time:</b>	
<b>Delivered By:</b> (Circle One) Sampler - UPS - Bus - Other:		<b>Sample Condition:</b> Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		<b>CHECKED BY:</b> (Initials)	

**REMARKS:**

chloride  
BTEX  
TPH EXT





# CARDINAL LABORATORIES

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

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]





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

---

August 23, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NHU CTB 12/1/20

Enclosed are the results of analyses for samples received by the laboratory on 08/17/23 16:05.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	08/17/2023	Sampling Date:	08/10/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	NHU CTB 12/1/20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

**Sample ID: BOTTOM SAMPLE 123 @ 1' (H234481-01)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974		
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	170	85.0	200	3.83	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	187	93.7	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 124 @ 1' (H234481-02)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974		
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89		
Total BTX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	170	85.0	200	3.83	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	187	93.7	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 125 @ 1' (H234481-03)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974		
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 126 @ 1' (H234481-04)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974		
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89		
Total BTEx	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/22/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	17.2	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 127 @ 1' (H234481-05)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974		
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 128 @ 1' (H234481-06)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974		
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89		
Total BTEx	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	182	91.2	200	6.65	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	173	86.3	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 129 @ 1' (H234481-07)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974		
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	170	85.0	200	3.83	
DRO >C10-C28*	39.5	10.0	08/21/2023	ND	187	93.7	200	2.70	
EXT DRO >C28-C36	29.4	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 60.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 130 @ 1' (H234481-08)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974		
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	170	85.0	200	3.83	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	187	93.7	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 131 @ 1' (H234481-09)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974		
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89		
Total BTEx	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	170	85.0	200	3.83	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	187	93.7	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 132 @ 1' (H234481-10)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974		
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	170	85.0	200	3.83	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	187	93.7	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 133 @ 1' (H234481-11)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974		
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89		
Total BTEx	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	170	85.0	200	3.83	
DRO >C10-C28*	76.1	10.0	08/21/2023	ND	187	93.7	200	2.70	
EXT DRO >C28-C36	60.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 134 @ 1' (H234481-12)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974		
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	170	85.0	200	3.83	
DRO >C10-C28*	29.0	10.0	08/21/2023	ND	187	93.7	200	2.70	
EXT DRO >C28-C36	24.5	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 135 @ 1' (H234481-13)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974		
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	170	85.0	200	3.83	
DRO >C10-C28*	19.1	10.0	08/21/2023	ND	187	93.7	200	2.70	
EXT DRO >C28-C36	12.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 136 @ 1' (H234481-14)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974		
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89		
Total BTEx	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	170	85.0	200	3.83	
DRO >C10-C28*	140	10.0	08/21/2023	ND	187	93.7	200	2.70	
EXT DRO >C28-C36	119	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 137 @ 1' (H234481-15)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974		
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	184	91.8	200	3.77	
DRO >C10-C28*	49.8	10.0	08/21/2023	ND	187	93.5	200	0.932	
EXT DRO >C28-C36	33.8	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 138 @ 1' (H234481-16)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974		
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89		
Total BTEx	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	184	91.8	200	3.77	
DRO >C10-C28*	65.7	10.0	08/21/2023	ND	187	93.5	200	0.932	
EXT DRO >C28-C36	44.9	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 139 @ 1' (H234481-17)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.94	96.8	2.00	0.974		
Toluene*	<0.050	0.050	08/22/2023	ND	2.20	110	2.00	2.49		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.26	113	2.00	3.79		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.80	113	6.00	3.89		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	184	91.8	200	3.77	
DRO >C10-C28*	45.5	10.0	08/21/2023	ND	187	93.5	200	0.932	
EXT DRO >C28-C36	30.1	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 72.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 140 @ 1' (H234481-18)**

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	08/22/2023	ND	1.98	98.9	2.00	6.16	
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	184	91.8	200	3.77	
DRO >C10-C28*	39.2	10.0	08/21/2023	ND	187	93.5	200	0.932	
EXT DRO >C28-C36	26.5	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 141 @ 1' (H234481-19)**

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	08/22/2023	ND	1.98	98.9	2.00	6.16		
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	184	91.8	200	3.77	
DRO >C10-C28*	66.5	10.0	08/21/2023	ND	187	93.5	200	0.932	
EXT DRO >C28-C36	51.7	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 142 @ 1' (H234481-20)**

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	08/22/2023	ND	1.98	98.9	2.00	6.16	
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	184	91.8	200	3.77	
DRO >C10-C28*	80.1	10.0	08/21/2023	ND	187	93.5	200	0.932	
EXT DRO >C28-C36	66.8	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 143 @ 1' (H234481-21)**

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	08/22/2023	ND	1.98	98.9	2.00	6.16		
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/22/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	184	91.8	200	3.77	
DRO >C10-C28*	104	10.0	08/21/2023	ND	187	93.5	200	0.932	
EXT DRO >C28-C36	90.2	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 67.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 144 @ 1' (H234481-22)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	6.16		
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	184	91.8	200	3.77	
DRO >C10-C28*	51.4	10.0	08/21/2023	ND	187	93.5	200	0.932	
EXT DRO >C28-C36	42.7	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 145 @ 1' (H234481-23)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	6.16		
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	184	91.8	200	3.77	
DRO >C10-C28*	53.0	10.0	08/21/2023	ND	187	93.5	200	0.932	
EXT DRO >C28-C36	43.8	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 146 @ 1' (H234481-24)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	6.16	
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/22/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	184	91.8	200	3.77	
DRO >C10-C28*	45.5	10.0	08/21/2023	ND	187	93.5	200	0.932	
EXT DRO >C28-C36	33.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 147 @ 1' (H234481-25)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	6.16		
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	190	95.1	200	0.792	
DRO >C10-C28*	46.6	10.0	08/22/2023	ND	195	97.6	200	2.24	
EXT DRO >C28-C36	28.2	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 148 @ 1' (H234481-26)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	6.16		
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	190	95.1	200	0.792	
DRO >C10-C28*	95.2	10.0	08/22/2023	ND	195	97.6	200	2.24	
EXT DRO >C28-C36	73.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 149 @ 1' (H234481-27)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	6.16	
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	190	95.1	200	0.792	
DRO >C10-C28*	180	10.0	08/22/2023	ND	195	97.6	200	2.24	
EXT DRO >C28-C36	157	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 150 @ 1' (H234481-28)**

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	08/22/2023	ND	1.98	98.9	2.00	6.16		
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	190	95.1	200	0.792	
DRO >C10-C28*	183	10.0	08/22/2023	ND	195	97.6	200	2.24	
EXT DRO >C28-C36	166	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 151 @ 1' (H234481-29)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	6.16		
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	190	95.1	200	0.792	
DRO >C10-C28*	123	10.0	08/22/2023	ND	195	97.6	200	2.24	
EXT DRO >C28-C36	107	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 73.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 152 @ 1' (H234481-30)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	6.16		
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	190	95.1	200	0.792	
DRO >C10-C28*	261	10.0	08/22/2023	ND	195	97.6	200	2.24	
EXT DRO >C28-C36	231	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 153 @ 1' (H234481-31)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	6.16		
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06		
Total BTEx	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	190	95.1	200	0.792	
DRO >C10-C28*	349	10.0	08/22/2023	ND	195	97.6	200	2.24	
EXT DRO >C28-C36	281	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 154 @ 1' (H234481-32)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	6.16		
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06		
Total BTEx	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	190	95.1	200	0.792	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 155 @ 1' (H234481-33)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	6.16		
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	190	95.1	200	0.792	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 156 @ 1' (H234481-34)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	6.16		
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	190	95.1	200	0.792	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 157 @ 1' (H234481-35)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	6.16		
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	190	95.1	200	0.792	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 158 @ 1' (H234481-36)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	6.16		
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	190	95.1	200	0.792	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 159 @ 1' (H234481-37)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	6.16		
Toluene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	6.84		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.96	98.2	2.00	5.87		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	6.06		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	190	95.1	200	0.792	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 71.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 160 @ 1' (H234481-38)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.93	96.5	2.00	0.506		
Toluene*	<0.050	0.050	08/22/2023	ND	2.11	105	2.00	1.50		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.15	107	2.00	2.13		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.46	108	6.00	2.45		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	190	95.1	200	0.792	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 70.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 161 @ 1' (H234481-39)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.93	96.5	2.00	0.506		
Toluene*	<0.050	0.050	08/22/2023	ND	2.11	105	2.00	1.50		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.15	107	2.00	2.13		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.46	108	6.00	2.45		
Total BTEx	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 162 @ 1' (H234481-40)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.93	96.5	2.00	0.506		
Toluene*	<0.050	0.050	08/22/2023	ND	2.11	105	2.00	1.50		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.15	107	2.00	2.13		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.46	108	6.00	2.45		
Total BTEx	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 163 @ 1' (H234481-41)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.93	96.5	2.00	0.506		
Toluene*	<0.050	0.050	08/22/2023	ND	2.11	105	2.00	1.50		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.15	107	2.00	2.13		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.46	108	6.00	2.45		
Total BTEx	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 70.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 164 @ 1' (H234481-42)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.93	96.5	2.00	0.506		
Toluene*	<0.050	0.050	08/22/2023	ND	2.11	105	2.00	1.50		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.15	107	2.00	2.13		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.46	108	6.00	2.45		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 165 @ 1' (H234481-43)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.93	96.5	2.00	0.506		
Toluene*	<0.050	0.050	08/22/2023	ND	2.11	105	2.00	1.50		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.15	107	2.00	2.13		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.46	108	6.00	2.45		
Total BTEx	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	47.4	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	40.6	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 67.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 166 @ 1' (H234481-44)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.93	96.5	2.00	0.506		
Toluene*	<0.050	0.050	08/22/2023	ND	2.11	105	2.00	1.50		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.15	107	2.00	2.13		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.46	108	6.00	2.45		
Total BTEx	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	54.4	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	45.2	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 68.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 167 @ 1' (H234481-45)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.93	96.5	2.00	0.506		
Toluene*	<0.050	0.050	08/22/2023	ND	2.11	105	2.00	1.50		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.15	107	2.00	2.13		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.46	108	6.00	2.45		
Total BTEx	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	64.4	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	63.5	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 168 @ 1' (H234481-46)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.93	96.5	2.00	0.506		
Toluene*	<0.050	0.050	08/23/2023	ND	2.11	105	2.00	1.50		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.15	107	2.00	2.13		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.46	108	6.00	2.45		
Total BTEX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	158	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	149	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 169 @ 1' (H234481-47)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.93	96.5	2.00	0.506		
Toluene*	<0.050	0.050	08/23/2023	ND	2.11	105	2.00	1.50		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.15	107	2.00	2.13		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.46	108	6.00	2.45		
Total BTEx	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	67.3	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	74.9	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 170 @ 1' (H234481-48)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.93	96.5	2.00	0.506		
Toluene*	<0.050	0.050	08/23/2023	ND	2.11	105	2.00	1.50		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.15	107	2.00	2.13		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.46	108	6.00	2.45		
Total BTEx	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	57.6	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	57.5	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 64.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 171 @ 1' (H234481-49)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.93	96.5	2.00	0.506		
Toluene*	<0.050	0.050	08/23/2023	ND	2.11	105	2.00	1.50		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.15	107	2.00	2.13		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.46	108	6.00	2.45		
Total BTEx	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	114	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	108	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 172 @ 1' (H234481-50)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.93	96.5	2.00	0.506		
Toluene*	<0.050	0.050	08/23/2023	ND	2.11	105	2.00	1.50		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.15	107	2.00	2.13		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.46	108	6.00	2.45		
Total BTEx	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	124	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	127	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 173 @ 1' (H234481-51)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.93	96.5	2.00	0.506		
Toluene*	<0.050	0.050	08/23/2023	ND	2.11	105	2.00	1.50		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.15	107	2.00	2.13		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.46	108	6.00	2.45		
Total BTX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	66.5	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	66.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 67.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 174 @ 1' (H234481-52)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	115	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	119	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 70.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 175 @ 1' (H234481-53)**

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	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	161	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	170	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 176 @ 1' (H234481-54)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	88.5	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	94.9	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 72.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 177 @ 1' (H234481-55)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	198	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	201	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 178 @ 1' (H234481-56)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	199	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	187	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 179 @ 1' (H234481-57)**

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	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	90.6	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	95.7	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 180 @ 1' (H234481-58)**

BTX 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	175	87.6	200	5.64	
DRO >C10-C28*	159	10.0	08/22/2023	ND	184	91.8	200	2.83	
EXT DRO >C28-C36	146	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 181 @ 1' (H234481-59)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	181	90.4	200	2.51	
DRO >C10-C28*	213	10.0	08/22/2023	ND	197	98.7	200	0.657	
EXT DRO >C28-C36	211	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 182 @ 1' (H234481-60)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	181	90.4	200	2.51	
DRO >C10-C28*	189	10.0	08/22/2023	ND	197	98.7	200	0.657	
EXT DRO >C28-C36	204	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 183 @ 1' (H234481-61)**

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	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	181	90.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	197	98.7	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 184 @ 1' (H234481-62)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	181	90.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	197	98.7	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 185 @ 1' (H234481-63)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	181	90.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	197	98.7	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 186 @ 1' (H234481-64)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	181	90.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	197	98.7	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 187 @ 1' (H234481-65)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTEx	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	181	90.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	197	98.7	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 188 @ 1' (H234481-66)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	181	90.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	197	98.7	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 189 @ 1' (H234481-67)**

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	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	181	90.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	197	98.7	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 190 @ 1' (H234481-68)**

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	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	181	90.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	197	98.7	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 191 @ 1' (H234481-69)**

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	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	181	90.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	197	98.7	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 192 @ 1' (H234481-70)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	181	90.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	197	98.7	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 193 @ 1' (H234481-71)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.98	98.9	2.00	0.360		
Toluene*	<0.050	0.050	08/22/2023	ND	1.97	98.7	2.00	0.362		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	0.197		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.15	103	6.00	1.77		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	181	90.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	197	98.7	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 194 @ 1' (H234481-72)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.89	94.4	2.00	2.07	
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71	
Total BTEX	<0.300	0.300	08/22/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	181	90.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	197	98.7	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 195 @ 1' (H234481-73)**

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	08/22/2023	ND	1.89	94.4	2.00	2.07		
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	181	90.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	197	98.7	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 196 @ 1' (H234481-74)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.89	94.4	2.00	2.07	
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71	
Total BTEX	<0.300	0.300	08/22/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	181	90.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	197	98.7	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 197 @ 1' (H234481-75)**

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	08/22/2023	ND	1.89	94.4	2.00	2.07		
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71		
Total BTX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	181	90.4	200	2.51	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	197	98.7	200	0.657	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 198 @ 1' (H234481-76)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.89	94.4	2.00	2.07		
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 199 @ 1' (H234481-77)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.89	94.4	2.00	2.07		
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 200 @ 1' (H234481-78)**

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	08/22/2023	ND	1.89	94.4	2.00	2.07		
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	201	101	200	4.97	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	203	101	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 201 @ 1' (H234481-79)**

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	08/22/2023	ND	1.89	94.4	2.00	2.07		
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 202 @ 1' (H234481-80)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.89	94.4	2.00	2.07		
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 203 @ 1' (H234481-81)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.89	94.4	2.00	2.07	
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71	
Total BTX	<0.300	0.300	08/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 204 @ 1' (H234481-82)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.89	94.4	2.00	2.07		
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71		
Total BTX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 205 @ 1' (H234481-83)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.89	94.4	2.00	2.07		
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71		
Total BTX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	14.2	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	13.9	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 206 @ 1' (H234481-84)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.89	94.4	2.00	2.07		
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71		
Total BTX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	10.2	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 207 @ 1' (H234481-85)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.89	94.4	2.00	2.07		
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	11.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 208 @ 1' (H234481-86)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.89	94.4	2.00	2.07		
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	103	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	105	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 209 @ 1' (H234481-87)**

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	08/22/2023	ND	1.89	94.4	2.00	2.07		
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71		
Total BTEx	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	32.5	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	40.6	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 210 @ 1' (H234481-88)**

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	08/22/2023	ND	1.89	94.4	2.00	2.07		
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71		
Total BTX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 211 @ 1' (H234481-89)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.89	94.4	2.00	2.07		
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71		
Total BTEX	<0.300	0.300	08/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/23/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/14/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 212 @ 1' (H234481-90)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	1.89	94.4	2.00	2.07	
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71	
Total BTX	<0.300	0.300	08/22/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/22/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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### Notes and Definitions

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





# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

<b>Company Name:</b> BBC International, Inc. <b>Project Manager:</b> Cliff Brunson <b>Address:</b> P.O. Box 805 <b>City:</b> Hobbs <b>Phone #:</b> 575-397-6388 <b>Project #:</b> <b>Project Name:</b> NHU CTB 3423422-104422 <b>Project Location:</b> New Mexico <b>Sample Name:</b> SIMON RENDON				<b>P.O. #:</b> <b>Company:</b> Oxy <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>			
<b>FOR LAB USE ONLY</b>				<b>BILL TO</b>			
<b>Lab I.D.</b> H234481		<b>Sample I.D.</b>		<b>MATRIX</b> (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		<b>PRESERV</b> <b>SAMPLING</b>	
BOTTOM SAMPLE 123@1' BOTTOM SAMPLE 124@1' BOTTOM SAMPLE 125@1' BOTTOM SAMPLE 126@1' BOTTOM SAMPLE 127@1' BOTTOM SAMPLE 128@1' BOTTOM SAMPLE 129@1' BOTTOM SAMPLE 130@1' BOTTOM SAMPLE 131@1' BOTTOM SAMPLE 132@1'		DATE TIME		8/10/23 7:55AM 8/10/23 8:09AM 8/10/23 8:23AM 8/10/23 8:37AM 8/10/23 8:52AM 8/10/23 9:10AM 8/10/23 9:24AM 8/10/23 9:39AM 8/10/23 9:54AM 8/10/23 10:10AM		Chloride BTEX TPH/EXT	
<b>PLEASE NOTE:</b> Liability and Damages: Cardholder's liability and client's exclusive remedy for any claim arising hereunder shall be limited to the amount paid by the client for the service. In no event shall Cardholder 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 Cardholder.				<b>ANALYSIS REQUEST</b>			
<b>Relinquished By:</b> [Signature]		<b>Date:</b> 8/17/23 <b>Time:</b> 1405		<b>Received By:</b> [Signature]		<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b> <b>REMARKS:</b>	
<b>Relinquished By:</b> [Signature]		<b>Date:</b> 8/17/23 <b>Time:</b> 1405		<b>Received By:</b> [Signature]		<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b> <b>REMARKS:</b>	
<b>Delivered By: (Circle One)</b> Sampler - UPS - Bus - Other:		<b>Sample Condition</b> Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>CHECKED BY:</b> (Initials)		<b>Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476</b>	





## ORDINAL LABORATORIES

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc.										<b>BILL TO</b>									
<b>Project Manager:</b> Cliff Brunson										<b>P.O. #:</b>									
<b>Address:</b> P.O. Box 805										<b>Company:</b> Oxy									
<b>City:</b> Hobbs										<b>Attn:</b>									
<b>State:</b> NM <b>Zip:</b> 88241																			
<b>Phone #:</b> 575-397-6388										<b>Fax #:</b> 575-397-0397									
<b>Project #:</b>										<b>Address:</b>									
<b>Project Owner:</b> Oxy										<b>City:</b>									
<b>Project Name:</b> NHU CTB <del>3423422-10#422</del> 12-1-20										<b>State:</b> <b>Zip:</b>									
<b>Project Location:</b> New Mexico										<b>Phone #:</b>									
<b>Sampler Name:</b> SIMON RENDON										<b>Fax #:</b>									
<small>FOR LAB USE ONLY</small>																			
<b>Lab I.D.</b>										<b>MATRIX</b>									
<b>Sample I.D.</b>										<b>(G)RAB OR (C)OMP.</b>									
										# CONTAINERS									
										GROUNDWATER									
										WASTEWATER									
										SOIL									
										OIL									
										SLUDGE									
										OTHER :									
										ACID/BASE:									
										ICE / COOL									
										OTHER :									
		DATE		TIME															
H234481	11	BOTTOM SAMPLE 133@1'	8/10/23	10:24AM	✓	Chloride													
	12	BOTTOM SAMPLE 134@1'	8/10/23	10:41AM	✓	BTEX													
	13	BOTTOM SAMPLE 135@1'	8/10/23	10:57AM	✓														
	14	BOTTOM SAMPLE 136@1'	8/10/23	11:14AM	✓														
	15	BOTTOM SAMPLE 137@1'	8/10/23	11:32AM	✓														
	16	BOTTOM SAMPLE 138@1'	8/10/23	11:47AM	✓														
	17	BOTTOM SAMPLE 139@1'	8/10/23	12:05PM	✓														
	18	BOTTOM SAMPLE 140@1'	8/10/23	12:48PM	✓														
	19	BOTTOM SAMPLE 141@1'	8/10/23	1:07PM	✓														
	20	BOTTOM SAMPLE 142@1'	8/10/23	1:24PM	✓														

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<b>Relinquished By:</b>		<b>Date:</b> 8-11-23		<b>Received By:</b>		<b>Phone Result:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>Add'l Phone #:</b>	
<b>Time:</b> 1:05		<b>Date:</b> 8-11-23		<b>Signature:</b>		<b>Fax Result:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>Add'l Fax #:</b>	
<b>Time:</b>		<b>Date:</b>		<b>Signature:</b>		<b>REMARKS:</b>	

<b>Delivered By: (Circle One)</b>	<b>-4.9c</b>	<b>#140</b>	<b>Sample Condition</b>	<b>CHECKED BY:</b>
<b>Sampler - UPS - Bus - Other:</b>			<input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>(Initials)</b> SRZ

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**BILL TO**

Lab I.D.	Sample I.D.

Chloride  
BTX  
TPH EXT

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Reinquished By:

Received By:

Persons or otherwise

Relinquished By:

Date:

Received By:

Delivered By: (Circle One)

5

Sam

Sampler - UPS - Bus - Other:

#1111 -4.92

Sample Condition  
Cool Intact  
☒ Yes ☐ Yes

CHECKED BY:  
(Initials)

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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

<b>Company Name:</b> BBC International, Inc.		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>									
<b>Project Manager:</b> Cliff Brunson		<b>P.O. #:</b>											
<b>Address:</b> P.O. Box 805		<b>Company:</b> Oxy											
<b>City:</b> Hobbs		<b>Attn:</b>											
<b>Phone #:</b> 575-397-6388		<b>Address:</b>											
<b>Fax #:</b> 575-397-0397		<b>City:</b>											
<b>Project #:</b>		<b>State:</b> NM											
<b>Project Name:</b> NHU CTB <del>STZ422-107422</del> 12-1-20		<b>Zip:</b> 88241											
<b>Project Location:</b> New Mexico		<b>Phone #:</b>											
<b>Sampler Name:</b> SIMON RENDON		<b>Fax #:</b>											
<small>FOR LAB USE ONLY</small>													
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>(G)RAB OR (C)OMP.</b>		<b># CONTAINERS</b>		<b>MATRIX</b>		<b>PRESERV</b>		<b>SAMPLING</b>	
H234481		31		BOTTOM SAMPLE 153@ 1'									
		32		BOTTOM SAMPLE 154@ 1'									
		33		BOTTOM SAMPLE 155@ 1'									
		34		BOTTOM SAMPLE 156@ 1'									
		35		BOTTOM SAMPLE 157@ 1'									
		36		BOTTOM SAMPLE 158@ 1'									
		37		BOTTOM SAMPLE 159@ 1'									
		38		BOTTOM SAMPLE 160@ 1'									
		39		BOTTOM SAMPLE 161@ 1'									
		40		BOTTOM SAMPLE 162@ 1'									
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<b>Relinquished By:</b>		<b>Date:</b> 8/17/23		<b>Received By:</b>		<b>Date:</b> 8/17/23		<b>Time:</b> 10:05		<b>Signature:</b>		<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b>	
<b>Relinquished By:</b>		<b>Date:</b>		<b>Received By:</b>		<b>Date:</b>		<b>Time:</b>		<b>Signature:</b>		<b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b>	
<b>Delivered By: (Circle One)</b>		<b>Sample Condition</b>		<b>CHECKED BY:</b>		<b>REMARKS:</b>							
Sampler - UPS - Bus - Other: -4.9c #140		<input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		8/2									

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc.		<b>P.O. #:</b>		<b>BILL TO</b>									
<b>Project Manager:</b> Cliff Brunson		<b>Company:</b> Oxy		<b>ANALYSIS REQUEST</b>									
<b>Address:</b> P.O. Box 805		<b>Attn:</b>											
<b>City:</b> Hobbs		<b>Address:</b>											
<b>Phone #:</b> 575-397-6388		<b>City:</b>											
<b>Fax #:</b> 575-397-0397		<b>State:</b> NM											
<b>Project #:</b>		<b>Zip:</b> 88241											
<b>Project Name:</b> NHU CTB (12/1/20)		<b>Project Owner:</b> Oxy											
<b>Project Location:</b> New Mexico		<b>State:</b>											
<b>Sampler Name:</b> SIMON RENDON		<b>Phone #:</b>											
<b>Fax #:</b>		<b>Zip:</b>											
<b>FOR LAB USE ONLY</b>													
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>(G)RAB OR (C)OMP.</b>		<b># CONTAINERS</b>		<b>MATRIX</b>		<b>PRESERV.</b>		<b>SAMPLING</b>	
41/1		BOTTOM SAMPLE 163@ 1'		✓		✓		✓		✓		✓	
42/1		BOTTOM SAMPLE 164@ 1'		✓		✓		✓		✓		✓	
43/1		BOTTOM SAMPLE 165@ 1'		✓		✓		✓		✓		✓	
44/1		BOTTOM SAMPLE 166@ 1'		✓		✓		✓		✓		✓	
45/1		BOTTOM SAMPLE 167@ 1'		✓		✓		✓		✓		✓	
46/1		BOTTOM SAMPLE 168@ 1'		✓		✓		✓		✓		✓	
47/1		BOTTOM SAMPLE 169@ 1'		✓		✓		✓		✓		✓	
48/1		BOTTOM SAMPLE 170@ 1'		✓		✓		✓		✓		✓	
49/1		BOTTOM SAMPLE 171@ 1'		✓		✓		✓		✓		✓	
50/1		BOTTOM SAMPLE 172@ 1'		✓		✓		✓		✓		✓	
<b>PLEASE NOTE:</b> Laboratory and Client's liability and claims are waived for any claim arising from the use of this form. This form is provided for informational purposes only. It is not intended to be used as a contract. The user of this form is responsible for ensuring that all information is accurate and complete. The user of this form is also responsible for ensuring that all information is accurate and complete. The user of this form is also responsible for ensuring that all information is accurate and complete.													
<b>Relinquished By:</b>		<b>Date:</b> 8-17-23		<b>Received By:</b>		<b>Date:</b> 8-17-23		<b>Time:</b> 1:00 PM		<b>Time:</b> 1:00 PM		<b>Time:</b> 1:00 PM	
<b>Relinquished By:</b>		<b>Date:</b>		<b>Received By:</b>		<b>Date:</b>		<b>Time:</b>		<b>Time:</b>		<b>Time:</b>	
<b>Delivered By:</b> (Circle One)		<b>Sample Condition:</b>		<b>CHECKED BY:</b>		<b>CHECKED BY:</b>		<b>CHECKED BY:</b>		<b>CHECKED BY:</b>		<b>CHECKED BY:</b>	
<b>Sampler - UPS - Bus - Other:</b>		<b>Cool</b> <input type="checkbox"/> <b>Intact</b> <input type="checkbox"/>		<b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>		<b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>		<b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>		<b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>		<b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>	
<b>Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476</b>		<b>Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476</b>		<b>Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476</b>		<b>Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476</b>		<b>Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476</b>		<b>Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476</b>		<b>Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476</b>	



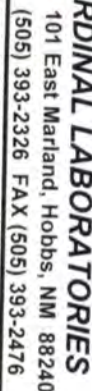


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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 101 of 101





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

---

August 24, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NHU CTB 12/1/20

Enclosed are the results of analyses for samples received by the laboratory on 08/17/23 16:05.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 213 @ 3' (H234482-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2023	ND	1.89	94.4	2.00	2.07		
Toluene*	<0.050	0.050	08/22/2023	ND	1.87	93.3	2.00	2.67		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	1.98	98.8	2.00	2.10		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	5.92	98.6	6.00	1.71		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 214 @ 3' (H234482-02)**

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	08/22/2023	ND	2.04	102	2.00	2.98		
Toluene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	2.90		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	4.09		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.03	101	6.00	4.91		
Total BTEx	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 215 @ 3' (H234482-03)**

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	08/22/2023	ND	2.04	102	2.00	2.98		
Toluene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	2.90		
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	4.09		
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.03	101	6.00	4.91		
Total BTEX	<0.300	0.300	08/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 216 @ 3' (H234482-04)**

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	08/22/2023	ND	2.04	102	2.00	2.98	
Toluene*	<0.050	0.050	08/22/2023	ND	2.06	103	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.00	100	2.00	4.09	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.03	101	6.00	4.91	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/22/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 217 @ 3' (H234482-05)**

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	08/23/2023	ND	2.04	102	2.00	2.98		
Toluene*	<0.050	0.050	08/23/2023	ND	2.06	103	2.00	2.90		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.00	100	2.00	4.09		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.03	101	6.00	4.91		
Total BTEX	<0.300	0.300	08/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 218 @ 3' (H234482-06)**

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	08/23/2023	ND	2.04	102	2.00	2.98	
Toluene*	<0.050	0.050	08/23/2023	ND	2.06	103	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.00	100	2.00	4.09	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.03	101	6.00	4.91	
Total BTEx	<0.300	0.300	08/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/22/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 219 @ 3' (H234482-07)**

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	08/23/2023	ND	2.04	102	2.00	2.98		
Toluene*	<0.050	0.050	08/23/2023	ND	2.06	103	2.00	2.90		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.00	100	2.00	4.09		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.03	101	6.00	4.91		
Total BTX	<0.300	0.300	08/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 220 @ 3' (H234482-08)**

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	08/23/2023	ND	2.04	102	2.00	2.98	
Toluene*	<0.050	0.050	08/23/2023	ND	2.06	103	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.00	100	2.00	4.09	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.03	101	6.00	4.91	
Total BTEx	<0.300	0.300	08/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	170	85.2	200	6.91	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.7	200	8.59	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 221 @ 3' (H234482-09)**

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	08/23/2023	ND	2.04	102	2.00	2.98		
Toluene*	<0.050	0.050	08/23/2023	ND	2.06	103	2.00	2.90		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.00	100	2.00	4.09		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.03	101	6.00	4.91		
Total BTEx	<0.300	0.300	08/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 222 @ 3' (H234482-10)**

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	08/23/2023	ND	2.04	102	2.00	2.98		
Toluene*	<0.050	0.050	08/23/2023	ND	2.06	103	2.00	2.90		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.00	100	2.00	4.09		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.03	101	6.00	4.91		
Total BTX	<0.300	0.300	08/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 223 @ 3' (H234482-11)**

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	08/23/2023	ND	2.04	102	2.00	2.98		
Toluene*	<0.050	0.050	08/23/2023	ND	2.06	103	2.00	2.90		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.00	100	2.00	4.09		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.03	101	6.00	4.91		
Total BTEX	<0.300	0.300	08/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 224 @ 3' (H234482-12)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	2.04	102	2.00	2.98	
Toluene*	<0.050	0.050	08/23/2023	ND	2.06	103	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.00	100	2.00	4.09	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.03	101	6.00	4.91	
Total BTEx	<0.300	0.300	08/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/22/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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**Analytical Results For:**

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 P.O. Box 805  
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 Fax To: (575) 397-0397

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 225 @ 3' (H234482-13)**

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	08/23/2023	ND	2.04	102	2.00	2.98		
Toluene*	<0.050	0.050	08/23/2023	ND	2.06	103	2.00	2.90		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.00	100	2.00	4.09		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.03	101	6.00	4.91		
Total BTEx	<0.300	0.300	08/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 226 @ 3' (H234482-14)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	2.04	102	2.00	2.98	
Toluene*	<0.050	0.050	08/23/2023	ND	2.06	103	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.00	100	2.00	4.09	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.03	101	6.00	4.91	
Total BTEx	<0.300	0.300	08/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 227 @ 3' (H234482-15)**

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	08/23/2023	ND	2.04	102	2.00	2.98		
Toluene*	<0.050	0.050	08/23/2023	ND	2.06	103	2.00	2.90		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.00	100	2.00	4.09		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.03	101	6.00	4.91		
Total BTX	<0.300	0.300	08/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 228 @ 3' (H234482-16)**

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	08/23/2023	ND	2.04	102	2.00	2.98	
Toluene*	<0.050	0.050	08/23/2023	ND	2.06	103	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.00	100	2.00	4.09	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.03	101	6.00	4.91	
Total BTEX	<0.300	0.300	08/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 229 @ 3' (H234482-17)**

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	08/23/2023	ND	2.04	102	2.00	2.98	
Toluene*	<0.050	0.050	08/23/2023	ND	2.06	103	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.00	100	2.00	4.09	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.03	101	6.00	4.91	
Total BTEx	<0.300	0.300	08/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 230 @ 3' (H234482-18)**

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	08/23/2023	ND	2.04	102	2.00	2.98	
Toluene*	<0.050	0.050	08/23/2023	ND	2.06	103	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.00	100	2.00	4.09	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.03	101	6.00	4.91	
Total BTEx	<0.300	0.300	08/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 231 @ 3' (H234482-19)**

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	08/23/2023	ND	2.04	102	2.00	2.98	
Toluene*	<0.050	0.050	08/23/2023	ND	2.06	103	2.00	2.90	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.00	100	2.00	4.09	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.03	101	6.00	4.91	
Total BTEx	<0.300	0.300	08/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 232 @ 3' (H234482-20)**

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	08/23/2023	ND	2.04	102	2.00	2.98		
Toluene*	<0.050	0.050	08/23/2023	ND	2.06	103	2.00	2.90		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.00	100	2.00	4.09		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.03	101	6.00	4.91		
Total BTX	<0.300	0.300	08/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 233 @ 3' (H234482-21)**

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	08/23/2023	ND	2.04	102	2.00	2.98		
Toluene*	<0.050	0.050	08/23/2023	ND	2.06	103	2.00	2.90		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.00	100	2.00	4.09		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.03	101	6.00	4.91		
Total BTEx	<0.300	0.300	08/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 234 @ 3' (H234482-22)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	4.55		
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85		
Total BTEX	<0.300	0.300	08/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 235 @ 3' (H234482-23)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	4.55	
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85	
Total BTEx	<0.300	0.300	08/23/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 236 @ 3' (H234482-24)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	4.55		
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85		
Total BTEX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 237 @ 3' (H234482-25)**

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	08/23/2023	ND	1.91	95.6	2.00	4.55		
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85		
Total BTX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 238 @ 3' (H234482-26)**

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	08/23/2023	ND	1.91	95.6	2.00	4.55		
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85		
Total BTX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 239 @ 3' (H234482-27)**

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	08/23/2023	ND	1.91	95.6	2.00	4.55		
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85		
Total BTX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 240 @ 3' (H234482-28)**

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	08/23/2023	ND	1.91	95.6	2.00	4.55		
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85		
Total BTX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.7	200	2.79	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	204	102	200	4.34	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 241 @ 3' (H234482-29)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	4.55		
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85		
Total BTEx	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 242 @ 3' (H234482-30)**

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	08/23/2023	ND	1.91	95.6	2.00	4.55		
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85		
Total BTX	<0.300	0.300	08/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 243 @ 3' (H234482-31)**

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	08/23/2023	ND	1.91	95.6	2.00	4.55		
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85		
Total BTX	<0.300	0.300	08/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 244 @ 3' (H234482-32)**

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	08/23/2023	ND	1.91	95.6	2.00	4.55		
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85		
Total BTX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 245 @ 3' (H234482-33)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	4.55		
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85		
Total BTEx	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 246 @ 3' (H234482-34)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	4.55		
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85		
Total BTX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 247 @ 3' (H234482-35)**

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	08/23/2023	ND	1.91	95.6	2.00	4.55		
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85		
Total BTX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 248 @ 3' (H234482-36)**

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	08/23/2023	ND	1.91	95.6	2.00	4.55	
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85	
Total BTX	<0.300	0.300	08/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 249 @ 3' (H234482-37)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	4.55		
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85		
Total BTX	<0.300	0.300	08/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 250 @ 3' (H234482-38)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	4.55		
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85		
Total BTEX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BOTTOM SAMPLE 251 @ 3' (H234482-39)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	4.55		
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85		
Total BTX	<0.300	0.300	08/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 1 (H234482-40)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	4.55		
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85		
Total BTX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/22/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

BBC International, Inc.  
 Cliff Brunson  
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Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 2 (H234482-41)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	4.55	
Toluene*	<0.050	0.050	08/23/2023	ND	1.91	95.6	2.00	5.56	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.94	97.0	2.00	5.96	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.88	97.9	6.00	4.85	
Total BTEX	<0.300	0.300	08/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/22/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 3 (H234482-42)**

BTEx 8021B			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09		
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81		
Total BTEX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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**Analytical Results For:**

BBC International, Inc.  
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Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 4 (H234482-43)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09		
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81		
Total BTEX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 5 (H234482-44)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09	
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81	
Total BTEX	<0.300	0.300	08/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/22/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 6 (H234482-45)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09		
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81		
Total BTEx	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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 Fax To: (575) 397-0397

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 7 (H234482-46)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09		
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81		
Total BTEX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 8 (H234482-47)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09		
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81		
Total BTEx	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 9 (H234482-48)**

BTEx 8021B			mg/kg							
			Analyzed By: JH/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09		
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81		
Total BTEX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/22/2023	ND	416	104	400	0.00		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	193	96.4	200	2.31		
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	189	94.4	200	2.83		
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND						

Surrogate: 1-Chlorooctane 70.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 10 (H234482-49)**

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	08/23/2023	ND	1.89	94.5	2.00	4.09		
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81		
Total BTX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/22/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 11 (H234482-50)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09		
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81		
Total BTEX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 12 (H234482-51)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09		
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81		
Total BTEX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/22/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 13 (H234482-52)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09		
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81		
Total BTEX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 14 (H234482-53)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09		
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81		
Total BTEX	<0.300	0.300	08/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/22/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 15 (H234482-54)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09	
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81	
Total BTEX	<0.300	0.300	08/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 16 (H234482-55)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09		
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81		
Total BTEX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 17 (H234482-56)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09		
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81		
Total BTEX	<0.300	0.300	08/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 18 (H234482-57)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09		
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81		
Total BTEX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/22/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 19 (H234482-58)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09		
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81		
Total BTEX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 20 (H234482-59)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09	
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81	
Total BTEX	<0.300	0.300	08/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 21 (H234482-60)**

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	08/23/2023	ND	1.89	94.5	2.00	4.09		
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81		
Total BTX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 22 (H234482-61)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.89	94.5	2.00	4.09		
Toluene*	<0.050	0.050	08/23/2023	ND	1.88	94.0	2.00	2.95		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	1.99	99.6	2.00	3.74		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	5.93	98.8	6.00	3.81		
Total BTX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/22/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 23 (H234482-62)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	7.96	
Toluene*	<0.050	0.050	08/23/2023	ND	1.97	98.5	2.00	8.94	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.03	101	2.00	6.43	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.12	102	6.00	7.41	
Total BTEX	<0.300	0.300	08/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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\*=Accredited Analyte

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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 24 (H234482-63)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	7.96	
Toluene*	<0.050	0.050	08/23/2023	ND	1.97	98.5	2.00	8.94	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.03	101	2.00	6.43	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.12	102	6.00	7.41	
Total BTEX	<0.300	0.300	08/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 25 (H234482-64)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	7.96	
Toluene*	<0.050	0.050	08/23/2023	ND	1.97	98.5	2.00	8.94	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.03	101	2.00	6.43	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.12	102	6.00	7.41	
Total BTEx	<0.300	0.300	08/23/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 26 (H234482-65)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	7.96	
Toluene*	<0.050	0.050	08/23/2023	ND	1.97	98.5	2.00	8.94	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.03	101	2.00	6.43	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.12	102	6.00	7.41	
Total BTEX	<0.300	0.300	08/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 27 (H234482-66)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	7.96	
Toluene*	<0.050	0.050	08/23/2023	ND	1.97	98.5	2.00	8.94	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.03	101	2.00	6.43	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.12	102	6.00	7.41	
Total BTEX	<0.300	0.300	08/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 28 (H234482-67)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	7.96	
Toluene*	<0.050	0.050	08/23/2023	ND	1.97	98.5	2.00	8.94	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.03	101	2.00	6.43	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.12	102	6.00	7.41	
Total BTEx	<0.300	0.300	08/23/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 29 (H234482-68)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	7.96		
Toluene*	<0.050	0.050	08/23/2023	ND	1.97	98.5	2.00	8.94		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.03	101	2.00	6.43		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.12	102	6.00	7.41		
Total BTEX	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	195	97.6	200	2.18	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	196	98.0	200	5.79	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 30 (H234482-69)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	7.96		
Toluene*	<0.050	0.050	08/23/2023	ND	1.97	98.5	2.00	8.94		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.03	101	2.00	6.43		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.12	102	6.00	7.41		
Total BTEx	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	197	98.7	200	5.16	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 31 (H234482-70)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	7.96		
Toluene*	<0.050	0.050	08/23/2023	ND	1.97	98.5	2.00	8.94		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.03	101	2.00	6.43		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.12	102	6.00	7.41		
Total BTEx	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/22/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	197	98.7	200	5.16	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 32 (H234482-71)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	7.96	
Toluene*	<0.050	0.050	08/23/2023	ND	1.97	98.5	2.00	8.94	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.03	101	2.00	6.43	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.12	102	6.00	7.41	
Total BTEx	<0.300	0.300	08/23/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/22/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	197	98.7	200	5.16	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 33 (H234482-72)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	7.96	
Toluene*	<0.050	0.050	08/23/2023	ND	1.97	98.5	2.00	8.94	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.03	101	2.00	6.43	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.12	102	6.00	7.41	
Total BTEX	<0.300	0.300	08/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/22/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	197	98.7	200	5.16	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 34 (H234482-73)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	7.96	
Toluene*	<0.050	0.050	08/23/2023	ND	1.97	98.5	2.00	8.94	
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.03	101	2.00	6.43	
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.12	102	6.00	7.41	
Total BTEx	<0.300	0.300	08/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/22/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	197	98.7	200	5.16	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/17/2023  
 Reported: 08/24/2023  
 Project Name: NHU CTB 12/1/20  
 Project Number: NONE GIVEN  
 Project Location: OXY - NEW MEXICO

Sampling Date: 08/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SIDEWALL 35 (H234482-74)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2023	ND	1.99	99.7	2.00	7.96		
Toluene*	<0.050	0.050	08/23/2023	ND	1.97	98.5	2.00	8.94		
Ethylbenzene*	<0.050	0.050	08/23/2023	ND	2.03	101	2.00	6.43		
Total Xylenes*	<0.150	0.150	08/23/2023	ND	6.12	102	6.00	7.41		
Total BTEx	<0.300	0.300	08/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/22/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	197	98.7	200	5.16	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	200	99.8	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane 73.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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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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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager





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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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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

<b>Company Name:</b> BBC International, Inc.		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>									
<b>Project Manager:</b> Cliff Brunson		<b>P.O. #:</b>											
<b>Address:</b> P.O. Box 805		<b>Company:</b> Oxy											
<b>City:</b> Hobbs		<b>Attn:</b>											
<b>Phone #:</b> 575-397-6388		<b>State:</b> NM <b>Zip:</b> 88241											
<b>Fax #:</b> 575-397-0397		<b>Address:</b>											
<b>Project #:</b>		<b>City:</b>											
<b>Project Name:</b> NHU CTB (12/01/20)		<b>State:</b>											
<b>Project Location:</b> New Mexico		<b>Zip:</b>											
<b>Sampler Name:</b> SIMON RENDON		<b>Phone #:</b>											
<b>Fax #:</b>		<b>Project Owner:</b> Oxy											
<small>FOR LAB USE ONLY</small>													
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>(G)RAB OR (C)OMP.</b>		<b># CONTAINERS</b>		<b>MATRIX</b>		<b>PRESERV</b>		<b>SAMPLING</b>	
H234482		BOTTOM SAMPLE 223 @3'		1		GROUNDWATER		✓		DATE		TIME	
11		BOTTOM SAMPLE 224 @3'		1		WASTEWATER		✓		8/15/23		9:41AM	
12		BOTTOM SAMPLE 225 @3'		1		SOIL		✓		8/15/23		9:55AM	
13		BOTTOM SAMPLE 226 @3'		1		OIL		✓		8/15/23		10:07AM	
14		BOTTOM SAMPLE 227 @3'		1		SLUDGE		✓		8/15/23		10:18AM	
15		BOTTOM SAMPLE 228 @3'		1		OTHER :		✓		8/15/23		10:31AM	
16		BOTTOM SAMPLE 229 @3'		1		ACID/BASE:		✓		8/15/23		10:43AM	
17		BOTTOM SAMPLE 230 @3'		1		ICE / COOL		✓		8/15/23		11:00AM	
18		BOTTOM SAMPLE 231 @3'		1		OTHER :		✓		8/15/23		11:12AM	
19		BOTTOM SAMPLE 232 @3'		1				✓		8/15/23		11:25AM	
20				1				✓		8/15/23		11:38AM	
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<b>Relinquished By:</b>		<b>Date:</b> 8-17-23		<b>Received By:</b>		<b>Time:</b> 10:05		<b>Sample Condition:</b>		<b>CHECKED BY:</b>		<b>REMARKS:</b>	
S. Rendon				S. Rendon				Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		S. Rendon			
<b>Delivered By:</b> (Circle One) -4.9		<b>Time:</b> 10:05		<b>Date:</b>		<b>Time:</b>		<b>Yes</b> <input checked="" type="checkbox"/> <b>No</b> <input checked="" type="checkbox"/>		<b>Yes</b> <input checked="" type="checkbox"/> <b>No</b> <input checked="" type="checkbox"/>		<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b>	
<b>Sampler - UPS - Bus - Other:</b>		<b>#140</b>		<b>Received By:</b>		<b>Time:</b>		<b>Yes</b> <input checked="" type="checkbox"/> <b>No</b> <input checked="" type="checkbox"/>		<b>Yes</b> <input checked="" type="checkbox"/> <b>No</b> <input checked="" type="checkbox"/>		<b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b>	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>													
<b>Project Manager:</b> Cliff Brunson				<b>P.O. #:</b>																	
<b>Address:</b> P.O. Box 805				<b>Company:</b> Oxy																	
<b>City:</b> Hobbs				<b>Attn:</b>																	
<b>Phone #:</b> 575-397-6388				<b>Address:</b>																	
<b>Fax #:</b> 575-397-0397				<b>City:</b>																	
<b>Project #:</b>				<b>State:</b> NM <b>Zip:</b> 88241																	
<b>Project Name:</b> NHU CTB (12/01/20)				<b>Project Owner:</b> Oxy																	
<b>Project Location:</b> New Mexico				<b>State:</b>				<b>Zip:</b>													
<b>Sample Name:</b> SIMON RENDON				<b>Phone #:</b>																	
<b>Fax #:</b>																					
<small>FOR LAB USE ONLY</small>																					
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>(G)RAB OR (C)OMP.</b>		<b># CONTAINERS</b>		<b>MATRIX</b>		<b>PRESERV</b>		<b>SAMPLING</b>									
								GROUNDWATER													
								WASTEWATER													
								SOIL													
								OIL													
								SLUDGE													
								OTHER :													
								ACID/BASE:													
								ICE / COOL													
								OTHER :													
								<b>DATE</b>		<b>TIME</b>											
1034482		BOTTOM SAMPLE 233 @3'		8/15/23		11:53AM		✓		Chloride											
21		BOTTOM SAMPLE 234 @3'		8/15/23		12:05PM		✓		BTEX											
22		BOTTOM SAMPLE 235 @3'		8/15/23		12:17PM		✓		TPH EXT											
23		BOTTOM SAMPLE 236 @3'		8/15/23		12:30PM		✓													
24		BOTTOM SAMPLE 237 @3'		8/15/23		12:44PM		✓													
25		BOTTOM SAMPLE 238 @3'		8/15/23		12:57PM		✓													
26		BOTTOM SAMPLE 239 @3'		8/15/23		1:10PM		✓													
27		BOTTOM SAMPLE 240 @3'		8/15/23		1:21PM		✓													
28		BOTTOM SAMPLE 241 @3'		8/15/23		1:33PM		✓													
29		BOTTOM SAMPLE 242 @3'		8/15/23		1:45PM		✓													
30																					
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<b>Relinquished By:</b>				<b>Date:</b> 8-17-23				<b>Received By:</b>				<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b>									
				<b>Time:</b> 1:005								<b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b>									
<b>Relinquished By:</b>								<b>Received By:</b> Spodeigney				<b>REMARKS:</b>									
<b>Delivered By: (Circle One)</b>				<b>Sample Condition</b>				<b>CHECKED BY:</b>													
<b>Sampler - UPS - Bus - Other:</b> 49. #140				<b>Cool</b> <input checked="" type="checkbox"/> <b>Intact</b> <input checked="" type="checkbox"/>				<b>Yes</b> <input checked="" type="checkbox"/> <b>No</b> <input type="checkbox"/>				<b>(Initials)</b> SJC									

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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ARDINAL LABORATORIES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc.		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
<b>Project Manager:</b> Cliff Brunson		<b>P.O. #:</b>			
<b>Address:</b> P.O. Box 805		<b>Company:</b> Oxy			
<b>City:</b> Hobbs		<b>Attn:</b>			
<b>Phone #:</b> 575-397-6388		<b>Address:</b>			
<b>Fax #:</b> 575-397-0397		<b>City:</b>			
<b>Project #:</b>		<b>State:</b>			
<b>Project Name:</b> NHU CTB (12/01/20)		<b>Zip:</b>			
<b>Project Location:</b> New Mexico		<b>Phone #:</b>			
<b>Sampler Name:</b> SIMON RENDON		<b>Fax #:</b>			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	Chloride	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE					
40	SIDEWALL 1		6						8/16/23	7:45AM	✓	✓	✓
41	SIDEWALL 2								8/16/23	7:53AM	✓	✓	✓
42	SIDEWALL 3								8/16/23	8:08AM	✓	✓	✓
43	SIDEWALL 4								8/16/23	8:16AM	✓	✓	✓
44	SIDEWALL 5								8/16/23	8:27AM	✓	✓	✓
45	SIDEWALL 6								8/16/23	8:38AM	✓	✓	✓
46	SIDEWALL 7								8/16/23	8:50AM	✓	✓	✓
47	SIDEWALL 8								8/16/23	9:03AM	✓	✓	✓
48	SIDEWALL 9								8/16/23	9:14AM	✓	✓	✓
49	SIDEWALL 10								8/16/23	9:23AM	✓	✓	✓

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<b>Relinquished By:</b>	<b>Received By:</b>	<b>Phone Result:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Add'l Phone #:</b>
<i>[Signature]</i>	<i>[Signature]</i>			
<b>Relinquished By:</b>	<b>Received By:</b>	<b>Fax Result:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Add'l Fax #:</b>
<i>[Signature]</i>	<i>[Signature]</i>			
<b>REMARKS:</b>				

<b>Delivered By:</b> (Circle One) <u>-4.9</u>	<b>Sample Condition:</b>	<b>CHECKED BY:</b>
<b>Sampler - UPS - Bus - Other:</b>	<input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	<i>[Signature]</i>

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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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**District I**  
1625 N. French Dr., Hobbs, NM 88240  
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State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
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QUESTIONS  
  
Action 341341

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 341341
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2035167923
Incident Name	NAPP2035167923 NHU CENTRAL TANK BATTERY @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	NHU CENTRAL TANK BATTERY
Date Release Discovered	12/01/2020
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc.   Production Tank   Crude Oil   Released: 18 BBL   Recovered: 15 BBL   Lost: 3 BBL.
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc.   Production Tank   Produced Water   Released: 50 BBL   Recovered: 45 BBL   Lost: 5 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.



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QUESTIONS, Page 2

Action 341341

**QUESTIONS (continued)**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	341341
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 05/06/2024
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QUESTIONS, Page 3

Action 341341

**QUESTIONS (continued)**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	341341
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 500 and 1000 (ft.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 500 and 1000 (ft.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	128
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	642
GRO+DRO	(EPA SW-846 Method 8015M)	10
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.3
Benzene	(EPA SW-846 Method 8021B or 8260B)	50

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	05/11/2023
On what date will (or did) the final sampling or liner inspection occur	08/02/2023
On what date will (or was) the remediation complete(d)	12/05/2023
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	36479
What is the estimated volume (in cubic yards) that will be remediated	276

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.



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QUESTIONS, Page 4

Action 341341

**QUESTIONS (continued)**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 341341
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	LEA LAND LANDFILL [fEEM0112342028]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	No
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 05/06/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.



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QUESTIONS, Page 5  
  
Action 341341

QUESTIONS (continued)

Operator:  OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:  16696
	Action Number:  341341
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No



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Action 341341

**QUESTIONS (continued)**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	341341
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	313648
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/02/2023
What was the (estimated) number of samples that were to be gathered	286
What was the sampling surface area in square feet	36749

**Remediation Closure Request**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	36479
What was the total volume (cubic yards) remediated	276
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	OXY Excavated the spill area as depicted on the following site diagram as a Risk Remediation plan . The Leak areas ( PURPLE shade on diagram ) was excavated to a depth of 1 foot . The Leak area (BLUE shade on diagram ) was excavated to a depth of 2 feet .The Leak area (GREEN shade on diagram ) was excavated to a depth of 3 feet. Bottom and sidewall confirmation samples was collected at no greater than 200 square feet intervals.Depth to water of 100 feet was determined by NM State Engineer water well data which is included in the report.

*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 (in .pdf format) 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.*

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 05/06/2024
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QUESTIONS, Page 7  
  
Action 341341

QUESTIONS (continued)

Operator:  OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:  16696
	Action Number:  341341
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No



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CONDITIONS

Action 341341

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	341341
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	5/17/2024
scott.rodgers	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	5/17/2024