# **Closure Report**

IDENT ID# nAPP2232650778

Site Description	
Site Name:	NHU 33-114
Company:	Oxy USA, Inc.
Legal Description:	U/L D, Section 33, T18S, R38E
County:	Lea County, NM
GPS Coordinates:	N 32.7093202, W-103.1599025

Release Data		
Date of Release:	11/21/2022	
Type of Release:	Crude oil ,Produced water	
Source of Release:	WELL HEAD BLOW BLOW OUT	
Volume of Release:	5.5BBLS , 1BBLS	
Volume Recovered:	0BBLS, 0.5BBLS	

Remediation Specifications		
Remediation Parameters:	RISK REMEDIATION - The site was excavated as depicted on the enclosed diagram according to the Table 1 Closure Criteria in 19.15.29.1 NMAC. DOXY collected confirmation bottom and sidewall samples every 200 square deet. In addition a soil boring was advanced to a depth of 55 feet within a half-mile radius of the site, temporarily cased and monitored for 72 hours for the presence of water. No water was detected so the borehole was abandoned according to NMOSE standards. This proves depth to water is greater than 50 feet therefore, the closing standards are relevant to the Table 1 standards of 51-100 feet depth to ground water.	
Remediation Activities:	3/1/23 - 4/17/23, 7/21/23 - 7/26/23	
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 4/12/23,4/13/23,4/14/23,4/17/23 ,4/24/23,4/25/23	
Sampling Notifications	04/04/2023, 04/10/2023	
Borehole location	Google Earth map of location of borehole and radius and drill logs.	

# Request for Closure

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

Cliff Brunson, President of BBC International Inc.

8/14/2023

Form C-141 Page 6 State of New Mexico
Oil Conservation Division

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

must be notified 2 days prior to liner inspection)

Description of remediation activities

nAPP2232650778

#### 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.

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

and regulations all operators are required to report and/or file cert may endanger public health or the environment. The acceptance should their operations have failed to adequately investigate and a human health or the environment. In addition, OCD acceptance compliance with any other federal, state, or local laws and/or regu	beliete to the best of my knowledge and understand that pursuant to OCD rules tain release notifications and perform corrective actions for releases which of a C-141 report by the OCD does not relieve the operator of liability remediate contamination that pose a threat to groundwater, surface water, of a C-141 report does not relieve the operator of responsibility for ulations. The responsible party acknowledges they must substantially conditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.
Printed Name: Wade Dittrich	Title: Environmental Coordinator
Signature: Wade Pattit	
email: wade_dittrich@oxy.com	Date: 7-/3-23 Telephone: (575) 390-2828
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible part remediate contamination that poses a threat to groundwater, surfac party of compliance with any other federal, state, or local laws and	ty of liability should their operations have failed to adequately investigate and e water, human health, or the environment nor does not relieve the responsible d/or regulations.
Closure Approved by: Nelson Velez	Date: 12/04/2023
Closure Approved by: Nelson Velez  Printed Name: Nelson Velez	Title: Environmental Specialist - Adv

Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the

site is no longer reasonably needed for production or subsequent drilling ops.

Released to Imaging: 12/4/2023 9:21:29 AM

From: <u>Cliff Brunson</u>

To: OCD.Enviro@emnrd.nm.gov

Cc: "Wade Dittrich"; Tyson Pierce; "Jennifer Gilkey"; Kathy Sweeney

Subject: OXY - NHU 33-114 (nAPP2232650778) - Sampling Notification

**Date:** Friday, April 7, 2023 6:28:43 PM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the NHU 33-114 (nAPP2232650778) (11/21/22) on Wednesday, April 12 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: <a href="mailto:cbrunson@bbcinternational.com">cbrunson@bbcinternational.com</a>



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From: Enviro, OCD, EMNRD

To: Cliff Brunson; Bratcher, Michael, EMNRD; Nobui, Jennifer, EMNRD
Cc: "Wade Dittrich"; Tyson Pierce; "Jennifer Gilkey"; Kathy Sweeney

Subject: RE: [EXTERNAL] OXY - NHU 33-114 (nAPP2232650778) - Sampling Notification

**Date:** Monday, April 10, 2023 9:59:57 AM

Cliff,

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

JH

Jocelyn Harimon • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov

http://www.emnrd.nm.gov



From: Cliff Brunson <cbrunson@bbcinternational.com>

Sent: Friday, April 7, 2023 6:29 PM

**To:** Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: 'Wade Dittrich' <Wade Dittrich@oxy.com>; Tyson Pierce <tyson pierce@oxy.com>; 'Jennifer

Gilkey' <jgilkey@bbcinternational.com>; Kathy Sweeney <kathys@bbcinternational.com>

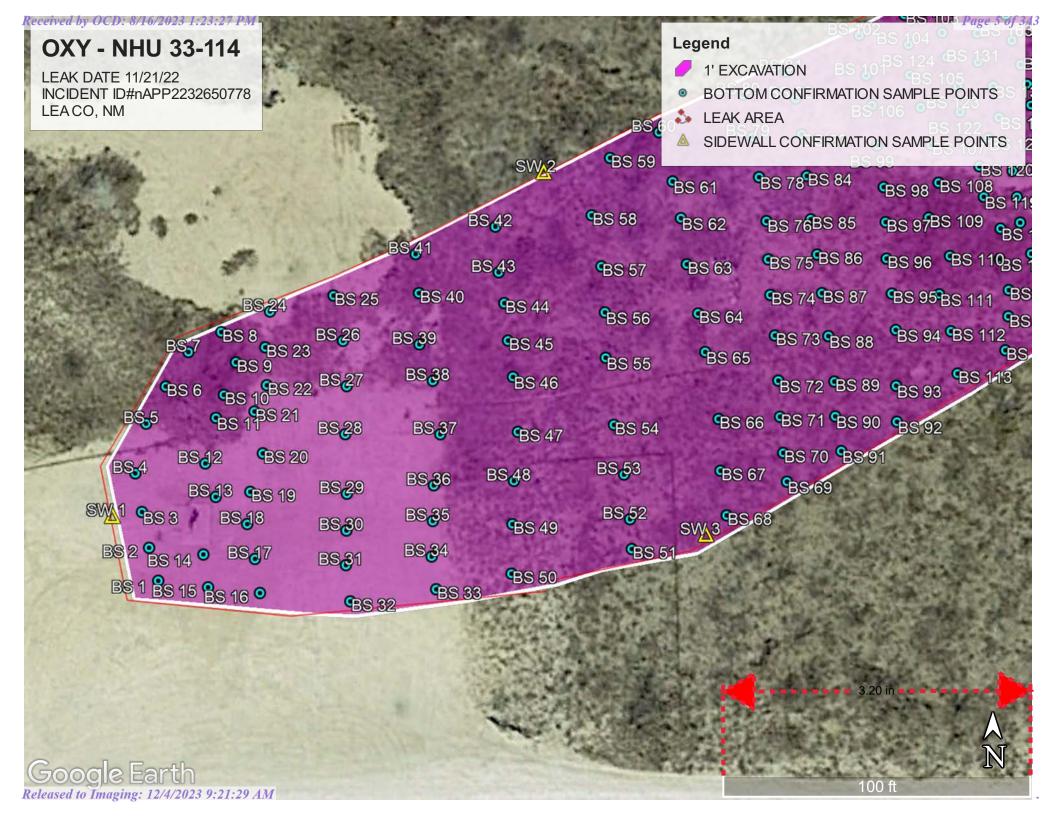
Subject: [EXTERNAL] OXY - NHU 33-114 (nAPP2232650778) - Sampling Notification

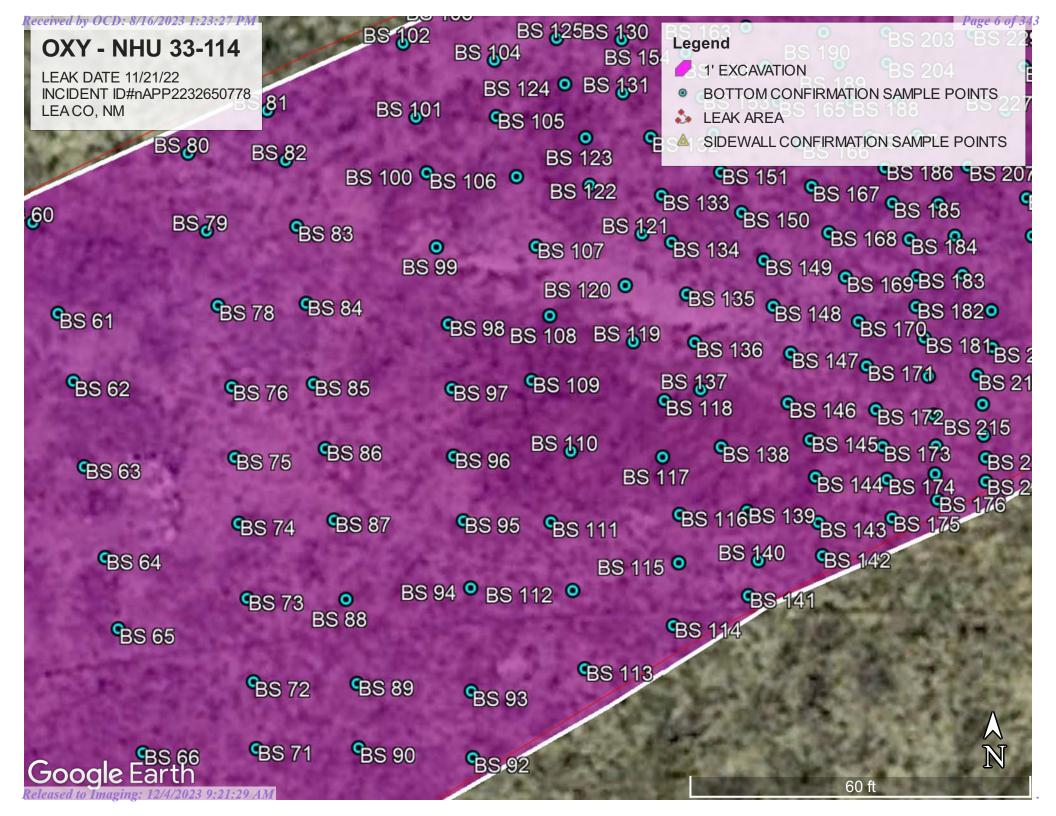
CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

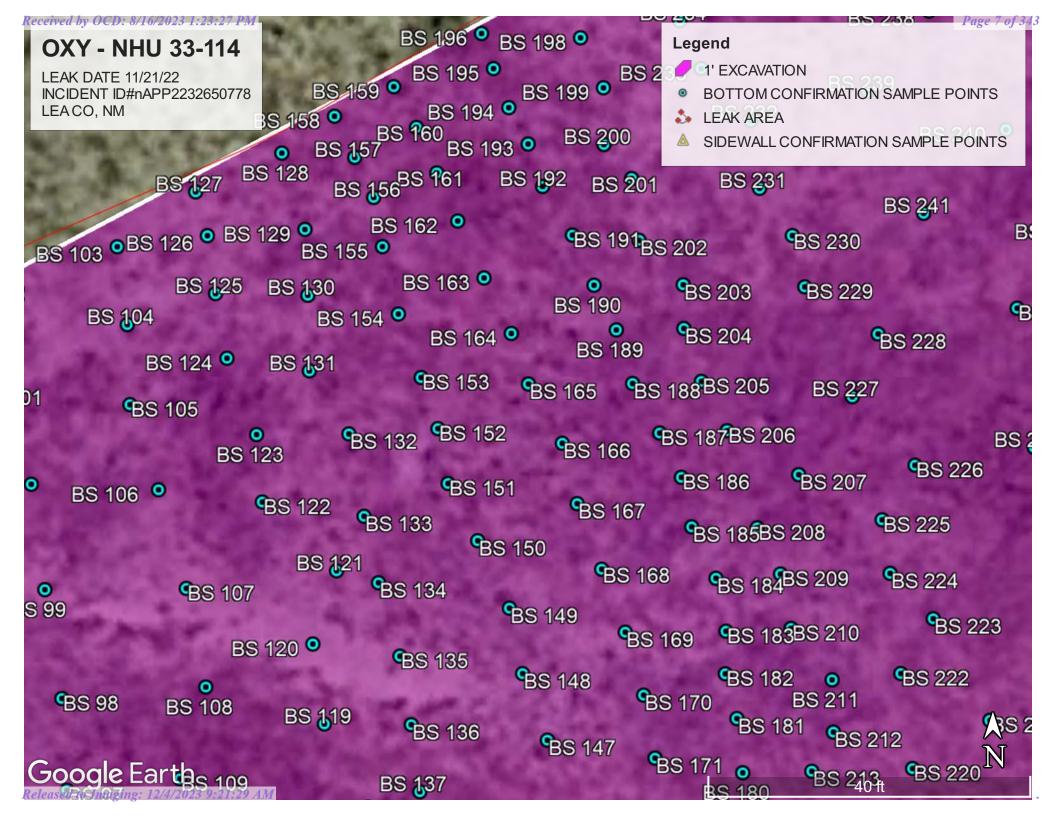
This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the NHU 33-114 (nAPP2232650778) (11/21/22) on Wednesday, April 12 at 9:00 a.m.

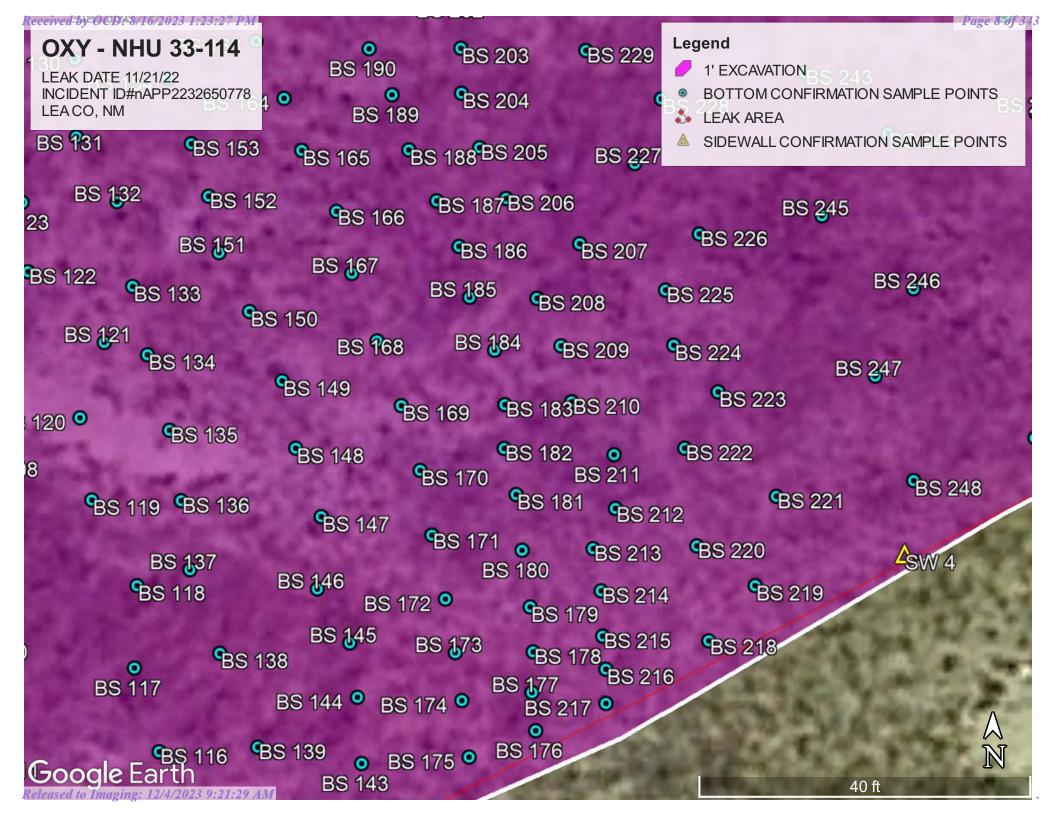
Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA

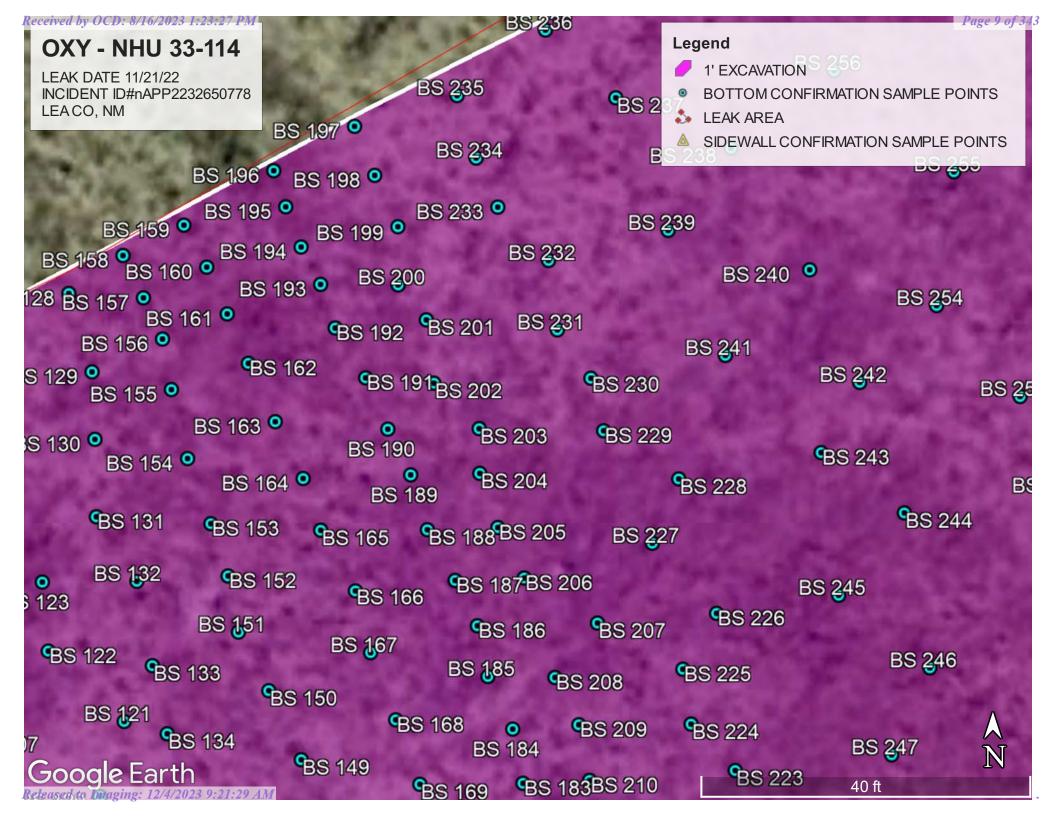
Phone: (575) 397-6388

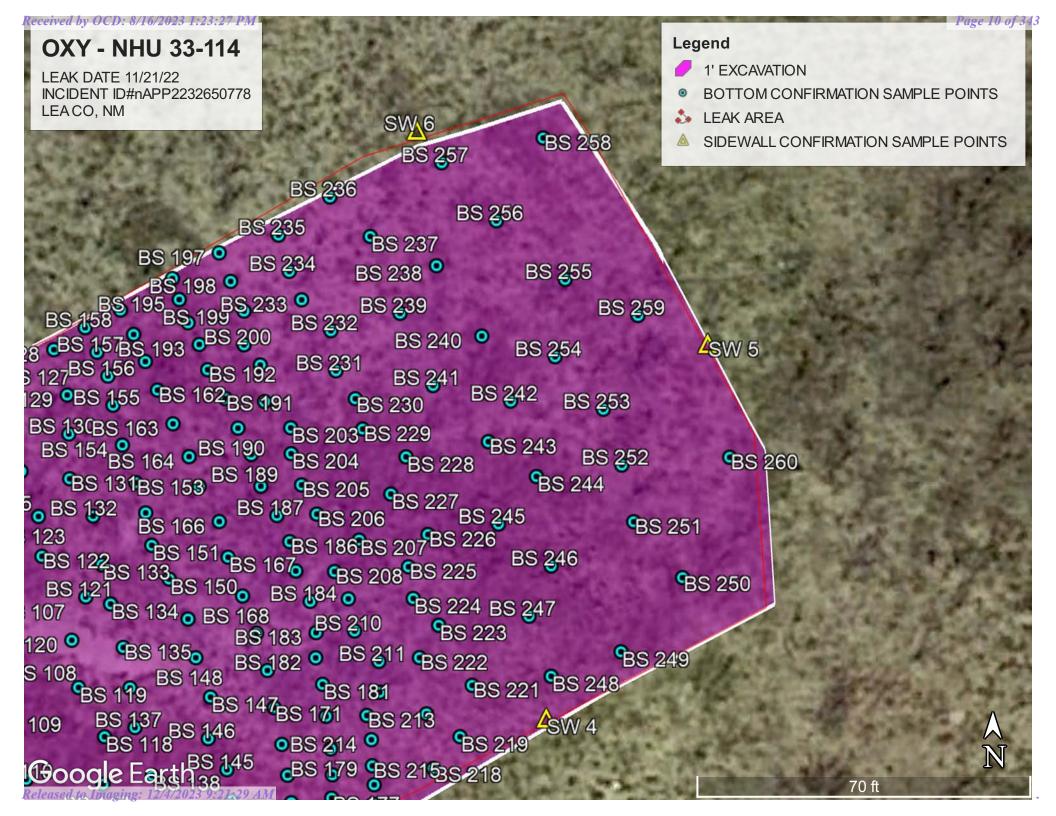


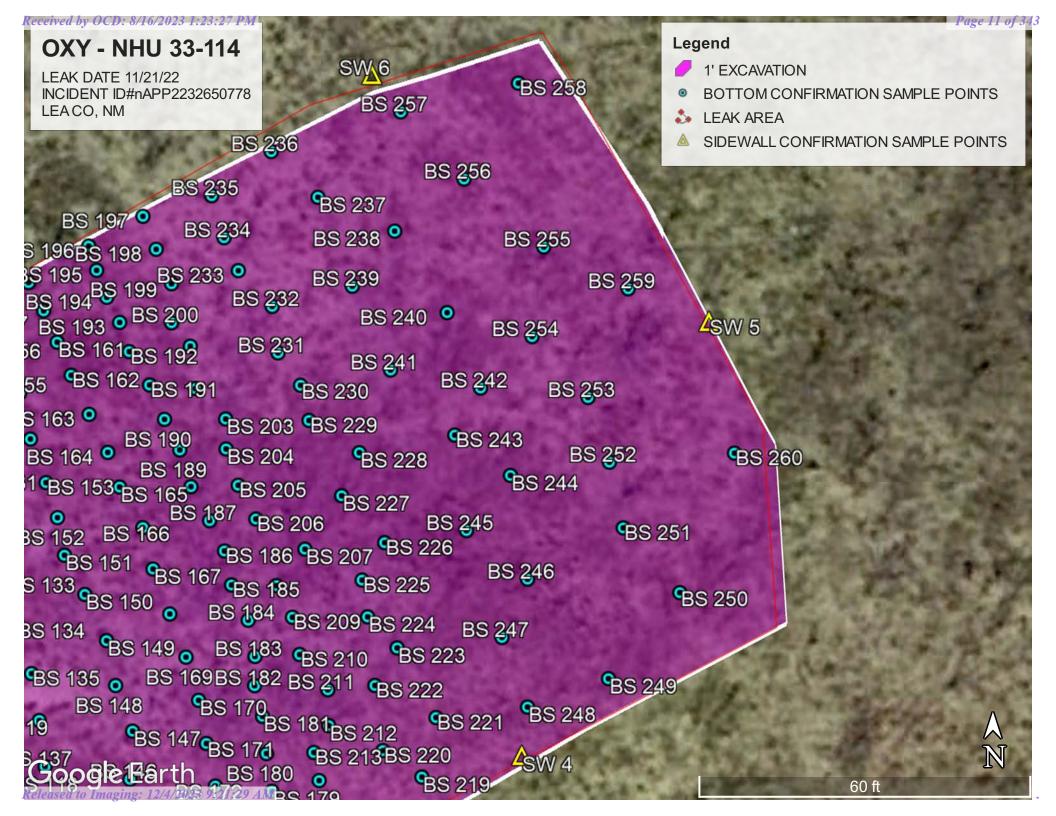












#### SAMPLE DATE 4/12/2023

BOTTOM SAPLES POINTS			
BS 1@1'	N 32.709274	W-103.159944	
BS 2@1'	N 32.709303	W-103.159954	
BS 3 @1'	N 32.709335	W-103.159961	
	N 32.709369	W-103.159968	
BS 5 @1'	N 32.709413	W-103.159957	
BS 6@1'	N 32.709446	W-103.159937	
BS 7@1'	N 32.709477	W-103.159913	
BS 8@1'	N 32.709495	W-103.159878	
BS 9@1'	N 32.709468	W-103.159863	
BS 10@ 1'	N 32.709439	W-103.159875	
BS 11 @1'	N 32.709418	W-103.159884	
BS 12 @1'	N 32.709378	W-103.159895	
BS 13@1'	N 32.709346	W-103.159884	
BS 14@1'	N 32.709303	W-103.159877	
BS 15@1'	N 32.709258	W-103.159892	
BS 16@1'	N 32.709263	W-103.159837	
BS 17@1'	N 32.709293	W-103.159842	
BS 18@1'	N 32.709324	W-103.159851	
BS 19@1'	N 32.709353	W-103.159847	
BS 20@1'	N 32.709387	W-103.159842	
BS 21@1'	N 32.709424	W-103.159843	
BS 22@1'	N 32.709447	W-103.159830	
BS 23 @1'	N 32.709481	W-103.159832	
BS 24 @1'	N 32.709513	W-103.159827	
BS 25@1'		W-103.159760	
BS 26 @1'	N 32.709487	W-103.159750	
_	N 32.709447	W-103.159746	
BS 28@1'	N 32.709404	W-103.159747	
	N 32.709351	W-103.159745	
BS 30 @1'	N 32.709319	W-103.159746	
BS 31@1'	N 32.709288	W-103.159746	
BS 32@1'	N 32.709256	W-103.159742	
BS 33 @1'	N 32.709266	W-103.159651	
BS 34@1'	N 32.709295	W-103.159656	
BS 35@1'		W-103.159655	
_	N 32.709359	W-103.159654	
BS 37@1'	N 32.709404	W-103.159647	
BS 38@1'	N 32709451	W-103.159655	
BS 39@1'	N 32.709485	W-103.159653	
BS 40@1'		W-103.159650	
_	N 32.709568	W-103.159654	
BS 42@1'	N 32.709599	W-103.159577	
BS 43@1'	N 32.709558	W-103.159566	
BS 44@1'	N 32.709521	W-103.159560	

BS 45@1'	N 32.709483	W-103.159557
BS 46@1'	N 32.709463	W-103.159552
BS 47@1'	N 32.709408	W-103.159546
BS 48@1'	N 32.709360	W-103.159541
BS 49@1'	N 32.709322	W-103.159536
BS 50@1'	N 32.709285	W-103.159531
BS 51@1'	N 32.709302	W-103.159445
BS 52@1'	N 32.709329	W-103.159447
BS 53@1'	N 32.709368	W-103.159436
BS 54@1'	N 32.709412	W-103.159444
BS 55@1'	N 32.709470	W-103.159451
BS 56@1'	N 32.709513	W-103.159453
BS 57@1'	N 32.709554	W-103.159460
BS 58@1'	N 32.709598	W-103.159462
BS 59@1'	N 32.709649	W-103.159463
BS 60 @1'	N 32.709672	W-103.159416
BS 61@1'	N 32.709628	W-103.159402
BS 62@1'	N 32.709596	W-103.159383
BS 63@1'	N 32.709555	W-103.159387
BS 64@1'	N 32.709511	W-103.159375
BS 65@1'	N 32.709477	W-103.159367
BS 66@1'	N 32.709417	W-103.159353
BS 67@1'	N 32.709372	W-103.159351
BS 68@1'	N 32.709332	W-103.159345
BS 69 @1'	N 32.709362	W-103.159281
BS 70@1'	N 32.709387	W-103.159285
BS 71@1'	N 32.709419	W-103.159289
BS 72@1'	N 32.709452	W-103.159290
BS 73@1'	N 32.709492	W-103.159294
BS 74@1'	N 32.709528	W-103.159299
BS 75@1'	N 32.709559	W-103.159301
BS 76@1'	N 32.709593	W-103.159303
BS 78@1'	N 32.709632	W-103.159311
BS 79@1'	N 32.709668	W-103.159317
BS 80@1'	N 32.709709	W-103.159328
BS 81@1'	N 32.709726	W-103.159282
BS 82@1'	N 32.709702	W-103.159272
BS 83@1'	N 32.709670	W-103.159266
BS 84@1'	N 32.709633	W-103.158260
BS 85@1'	N 32.709595	W-103.159256
BS 86@1'	N 32.709563	W-103.159249
BS 87@1'	N 32.709529	W-103.159244
BS 88@1'	N 32.709411	W-103.159238
BS 89@1'	N 32.709451	W-103.159231
BS 90@1'	N 32.709420	W-103.159230
BS 91 @1'	N 32.709389	W-103.159224
BS 92@1'	N 32.709415	W-103.159163

BS 93@1'	N 32.709447	W-103.159166
RS 94@1'	N 32.709497	W-103.159166
_	N 32.709529	W-103.159171
_		
_	N 32.709560	W-103.159176
BS 97@1'	N 32.709592	W-103.159177
BS 98@1'	N 32.709623	W-103.159179
BS 99@1'	N 32.709660	W-103.159186
BS 100@1'	N 32.709696	W-103.159191
	N 32.709723	W-103.159198
	N 32.709758	W-103.159205
_		
_	N 32.709780	W-103.159142
	N 32.709755	W-103.159145
BS 105@1'	N 32.709725	W-103.159137
BS 106@1'	N 32.709697	W-103.159132
BS 107@1'	N 32.709660	W-103.159115
BS 108@1'	N 32.709627	W-103.159121
_	N 32.709594	W-103.159112
_	N 32.709562	W-103.159112 W-103.159109
_		
_	N 32.709528	W-103.159099
_	N 32.709497	W-103.159102
BS 113@1'	N 32.709458	W-103.159101
BS 114@1'	N 32.709478	W-103.159051
BS 115@1'	N 32.709509	W-103.159048
BS 116@1'	N 32.709532	W-103.159047
BS 117@1'	N 32.709559	W-103.159057
_	N 32.709587	W-103.159056
_	N 32.709617	W-103.159058
_		W-103.159063
_	N 32.709667	W-103.159069
	N 32.709689	W-103.159075
BS 123@1'	N 32.709713	W-103.159101
BS 124@1'	N 32.709739	W-103.159113
BS 125@1'	N 32.709761	W-103.159117
BS 126@1'	N 32.709780	W-103.159121
BS 127@1'	N 32.709795	W-103.159125
BS 128@1'	N 32.709808	W-103.159091
BS 129@1'	N 32.709782	W-103.159081
	N 32.709760	W-103.159080
_	N 32.709734	W-103.159030
_		
	N 32.709713	W-103.159064
_	N 32.709686	W-103.159050
_	N 32.709663	W-103.159052
BS 135@1'	N 32.709638	W-103.159043
BS 136@1'	N 32.709615	W-103.159038
BS 137@1	N 32.709592	W-103.159035
BS 138@1'	N 32.709564	W-103.159023
_	N 32.709533	W-103.159009
<u> </u>		

BS 140@1'	N 32.709510	W-103.159002
_	N 32.709493	W-103.159008
_	N 32.709512	W-103.158966
BS 143@1'	N 32.709528	W-103.158968
BS 144@1'	N 32.709550	W-103.158970
BS 1/15@1'	N 32.709586	W-103.158975
_	N 32.709586	W-103.158975
BS 147@1'	N 32.709608	W-103.158978
BS 148@1'	N 32.709631	W-103.158986
BS 149@1'	N 32.709654	W-103.158990
BS 150@1'	N 32.709677	W-103.159012
	N 32.709696	W-103.159024
	N 32.709715	W-103.159028
BS 153@1'	N 32.709732	W-103.159035
BS 15421'	N 32.709754	W-103.159044
BS 155@1'	N 32.709776	W-103.159050
_	N 32.709793	W-103.159054
_		
_	N 32.709807	W-103.159061
BS 158@1'	N 32.709821	W-103.159070
BS 159@1'	N 32.709831	W-103.159046
BS 160@1'	N 32.709817	W-103.159037
_	N 32.709802	W-103.159028
	N 32.709785	W-103.159020
_	N 32.709766	W-103.159009
BS 164@1'	N 32.709747	W-103.158998
BS 165@1'	N 32.709730	W-103.158991
BS 166@1'	N 32.709710	W-103.158978
		W-103.158972
		W-103.158962
_	N 32.709667	
	N 32.709646	W-103.158952
BS 170@1'	N 32.709625	W-103.158945
BS 171@1'	N 32.709603	W-103.158940
BS 172@1'	N 32.709582	W-103.158935
_	N 32.709565	W-103.158931
_		
	N 32.709549	W-103.158929
_	N 32.709530	W-103.158926
BS 176@1'	N 32.709539	W-103.158900
BS 177@1'	N 32.709551	W-103.158901
_	N 32.709565	W-103.158901
_		W-103.158902
	N 32.709580	
_	N 32.709598	W-103.158905
BS 181@1'	N 32.709617	W-103.158907
BS 182@1'	N 32.709632	W-103.158912
BS 183@1'	N 32.709646	W-103.158912
	N 32.709664	W-103.158916
_	N 32.709682	W-103.158926
BS 186@1'	N 32.709698	W-103.158930

BS 187@1' N 32.709713	W-103.158938
BS 188@1' N 32.709730	W-103.158949
BS 189@1' N 32.709748	W-103.158956
BS 190@1' N 32.709763	W-103.158963
BS 191 @1 N 32.709780	W-103.158974
BS 192@1' N 32.709797	W-103.158986
BS 193@1' N 32.709811	W-103.158991
BS 194@1' N 32.709824	W-103.158999
BS 195@1' N 32.709837	W-103.159005
BS 196@1' N 32.709849	W-103.159010
BS 197@1' N 32.709864	W-103.158978
BS 198@1' N 32.709848	W-103.158970
BS 199@1' N 32.709830	W-103.158961
BS 200@1' N 32.709813	W-103.158952
BS 201@1' N 32.709792	W-103.158947
BS202 @1' N 32.709779	W-103.158947
BS 203@1' N 32.709746	W-103.158929
BS 204@1' N 32.709749	W-103.158929
BS 205@1' N 32.709731	W-103.158922
BS 206@1' N 32.709714	W-103.158911
BS 207@1' N 32.709688	W-103.158901
BS 208@1' N 32.709681	W-103.158899
BS 209@1' N 32.709666	W-103.158899
BS 210@1' N 32.706477	W-103.158890 W-103.158886
BS 211@1' N 32.709631	W-103.158880 W-103.158881
BS 212@1' N 32.709616	W-103.158881 W-103.158880
BS 213@1' N 32.709599	W-103.158880 W-103.158877
=	
BS 214@1' N 32.709585	W-103.158874
BS 215@1' N 32.709570	W-103.158874
BS 216@1' N 32.709559	W-103.158872
BS 217@1' N 32.709548	W-103.158872
BS 218@1' N 32.709568	W-103.158832
BS 219@1' N 32.709585	W-103.158836
BS 220@1' N 32.709600	W-103.158837
BS 221@1' N 32.709616	W-103.158837
BS 222@1' N 32.709632	W-103.158841
BS 223@1' N 32.709651	W-103.158842
BS 224@1' N 32.709666	W-103.158846
BS 225@1' N 32.709681	W-103.158861
BS 226@1' N 32.709703	W-103.158857
BS 227@1' N 32.709726	W-103.158861
BS 228@1' N 32.709744	W-103.158876
BS 229@1' N 32.709763	W-103.158880
BS 230@1' N 32.709780	W-103.158885
BS 231@1' N 32.709796	W-103.158898
BS 232@1' N 32.709814	W-103.158914
BS 233@1' N 32.709837	W-103.158922

BS 234@1' N 32.709853	W-103.158930
BS 235@1' N 32.709874	W-103.158938
BS 236@1' N 32.709896	W-103.158903
BS 237@1' N 32.709870	W-103.158896
BS 238@1' N 32.709849	W-103.158888
BS 239@1' N 32.709825	W-103.158877
BS 240@1' N 32.709806	W-103.158868
BS 241@1' N 32.709786	W-103.158849
BS 242@1' N 32.709766	W-103.158833
BS 243@1' N 32.709744	W-103.158830
BS 244@1' N 32.709723	W-103.158822
BS 245@1' N 32.709703	W-103.158813
BS 246@1' N 32.709686	W-103.158808
BS 247@1' N 32.709665	W-103.158806
BS 248@1' N 32.709647	W-103.158804
BS 249@1' N 32.709628	W-103.158799
BS 250@1' N 32.709610	W-103.158797
BS 251@1' N 32.709592	W-103.158793
BS 252@1' N 32.709742	W-103.158704
BS 253@1' N 32.709774	W-103.158716
BS 254@1' N 32.703804	W-103.158749
BS 255@1' N 32.709839	W-103.158772
BS256@1' N 32.709882	W-103.158789
BS257@1' N 32.709916	W-103.158827
BS 258@1' N 32.709930	W-103.158757
BS 259@1' N 32.709828	W-103.158693
BS 260@1' N 32.709747	W-103.158630

#### SIDEWALL SAMPLE POINTS

SW 1	N 32.709331	W -103.159993
3VV 1	N 32.709331	W -105.159995
SW 2	N 32.709636	W-103.159538
SW 3	N 32.709315	W-103.159367
SW 4	N 32.709597	W-103.158756
SW 5	N 32.709811	W-103.158646
SW 6	N 32.709934	W-103.158844

	Sample ID	BS 1@1'	BS 2@1'	BS 3@1'	BS 4@1'	BS 5@1'	BS 6@1'	BS 7@1'	BS 8@1'	BS 9@1'	BS 10@1'	BS 11@1'	BS 12@1'	BS13@1'	BS 14@1'	BS 15@1'	BS 16@1'	BS 17@1'	BS 18@1'
Analyte	Date	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23
		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		192.0	288.0	272.0	192.0	304.0	192.0	160.0	144.0	144.0	160.0	160.0	208.0	240.0	192.0	160.0	160.0	176.0	192.0
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		164	128	109	128	101	451	507	460	273	86.2	487	140	381	540	263	218	143	149
EXT DRO		35.2	25.4	17.5	30	17.2	72.1	82.9	82.3	63.4	24.6	100	31.2	109	112	80.8	59.1	47.4	43.1

	Sample ID	BS 19@1'	BS 20@1'	BS 21@1'	BS 22@1'	BS23@1'	BS 24@1'	BS 25@1'	BS 26@1'	BS27@1'	BS 28@1'	BS 29@1'	BS 30@1'	BS 31@1'	BS 32@1'	BS 33@1'	BS 34@1'	BS 35@1'	BS 36@1'
Analyte	Date	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23
		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		144.0	144.0	160.0	144.0	128.0	128.0	256.0	320.0	208.0	160.0	160.0	208.0	160.0	256.0	176.0	176.0	192.0	192.0
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		88.2	54.8	57.7	163	74.7	94.7	76.8	39.9	511	498	459	537	71.6	209	496	469	378	406
EXT DRO		61	37.6	36.7	74.1	32.2	41.1	30.6	<10.0	122	128	117	140	65.4	44.7	118	98.4	96.2	93.9

	Sample ID	BS 37@1'	BS 38@1'	BS 39@1'	BS 40@1'	BS 41@1'	BS 42@1'	BS 43@1'	BS 44@1'	BS 45@1'	BS 46@1'	BS 47@1'	BS 48@1'	BS49@1'	BS 50@1'	BS 51@1'	BS 52@1'	BS 53@1'	BS 54@1'
Analyte	Date	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23
		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		144.0	128.0	112.0	112.0	160.0	128.0	144.0	144.0	128.0	160.0	128.0	144.0	128.0	144.0	112.0	128.0	96.0	128.0
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		70.4	38.5	69.5	42.7	62.1	60.4	61.4	60.8	58.2	55.2	124	56.8	65.8	50.1	55	61.7	50.3	48.2
EXT DRO		68.6	35.4	73	39.5	55.1	56.1	61.8	60.5	53.9	56.7	55.1	54.5	66.5	52.4	45.8	57.5	45.6	42.3

	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'	BS65@1'	BS 66@1'	BS 67@1'	BS 68@1'	BS 69@1'	BS 70@1'	BS 71@1'	BS 72@1'
Analyte	Date	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/12/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23
		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	48.0	64.0	48.0	48.0	64.0	64.0	48.0	64.0	64.0	48.0	64.0	64.0	32.0	48.0	64.0	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		<10.0	10	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	10.1	11	10.7	17.1	11.1
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	23.5	17.8

	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 88@1'	BS 89@1'	BS 90@1'
Analyte	Date	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23
		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		112.0	96.0	128.0	112.0	112.0	128.0	80.0	112.0	112.0	128.0	112.0	96.0	96.0	96.0	96.0	80.0	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		14.7	13.8	12.1	10.6	10.7	13.3	<10.0	17	10.3	10.3	12.7	10.9	14.7	13.6	11.5	11	<10.0	<10.0
EXT DRO		20.2	21.9	14.9	13.9	10.1	18	<10.0	22.2	11.1	10.4	22.5	15.4	19.6	17.2	18.2	14.5	<10.0	<10.0

											BS		BS						
	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'	100@1'	BS101@1'	102@1'	103@1'	104@1'	105@1'	106@1'	107@2'	108@1'
Analyte	Date	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23
		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	112.0	96.0	80.0	128.0	96.0	80.0	80.0	96.0	80.0	64.0	64.0	96.0	48.0	64.0	64.0	96.0	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		<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	11.3
EXT DRO		<10.0	<10.0	<10.0	<10.0	10.8	<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

		BS		BS															
	Sample ID	109@1'	110@1'	111@1'	112@1'	113@1'	114@1'	115@1'	116@1'	117@1'	118@1'	BS 119@1'	120@1'	121@1'	122@1'	123@1'	124@1'	125@1'	126@1'
Analyte	Date	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23
		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	80.0	96.0	80.0	80.0	64.0	80.0	96.0	64.0	64.0	48.0	80.0	64.0	80.0	112.0	80.0	96.0	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		<10.0	<10.0	16.9	10.2	<10.0	22.2	<10.0	<10.0	<10.0	10.3	16.5	16.3	17.1	19	25.9	28.3	28.5	31.2
EXT DRO		<10.0	<10.0	13.6	<10.0	<10.0	21.6	<10.0	<10.0	<10.0	10.8	14.7	13.6	14	17.8	14.4	13.8	14.6	16.9

		BS		BS															
	Sample ID	127@1'	128@1'	129@1'	130@1'	131@1'	132@1'	133@1'	134@1'	135@1'	136@1'	BS 137@1'	138@1'	139@1'	140@1'	141@1'	142@1'	143@1'	144@1'
Analyte	Date	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/13/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23
		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	112.0	80.0	80.0	112.0	96.0	112.0	80.0	80.0	80.0	144.0	112.0	144.0	128.0	128.0	114.0
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		26.2	15	<10.0	29.9	14.6	16.8	11.6	17.3	17.8	14.7	16.9	19.2	11.2	11.5	11.5	16.8	11.8	14.2
EXT DRO		12.8	<10.0	<10.0	12.9	12.9	13.2	11	11.8	14.2	11.4	15.2	16.5	10.6	11.3	12.1	14.3	<10.0	14

		BS		BS															
	Sample ID	145@1'	146@1'	147@1'	148@1'	149@1'	150@1'	151@1'	152@1'	153@1'	154@1'	BS 155@1'	156@1'	157@1'	158@1'	159@1'	160@1'	161@1'	162@1'
Analyte	Date	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23
		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	128.0	128.0	192.0	160.0	128.0	128.0	96.0	144.0	128.0	128.0	176.0	80.0	80.0	96.0	96.0	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		12	12.5	13.1	17.3	10.9	12.1	13.6	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		10.1	<10.0	11.7	12.4	<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

		BS		BS															
	Sample ID	163@1'	164@1'	165@1'	166@1'	167@1'	168@1'	169@1'	170@1'	171@1'	172@1'	BS 173@1'	174@1'	175@1'	176@1'	177@1'	178@1'	179@1'	180@1'
Analyte	Date	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23
		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	80.0	48.0	48.0	80.0	64.0	48.0	48.0	48.0	64.0	64.0	48.0	64.0	80.0	48.0	32.0	48.0	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		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	13	<10.0	<10.0	<10.0	14.2	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		BS		BS															
	Sample ID	181@1'	182@1'	183@1'	184@1'	185@1'	186@1'	187@1'	188@1'	189@1'	190@1'	BS 191@1'	192@1'	193@1'	194@1'	195@1'	196@1'	197@1'	198@1'
Analyte	Date	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23	4/14/23
		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	64.0	80.0	64.0	160.0	144.0	160.0	272.0	96.0	80.0	64.0	64.0	80.0	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	14.3	<10.0	<10.0	33.5	43.2	20.7	26.8	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	15.8	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	11.8	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

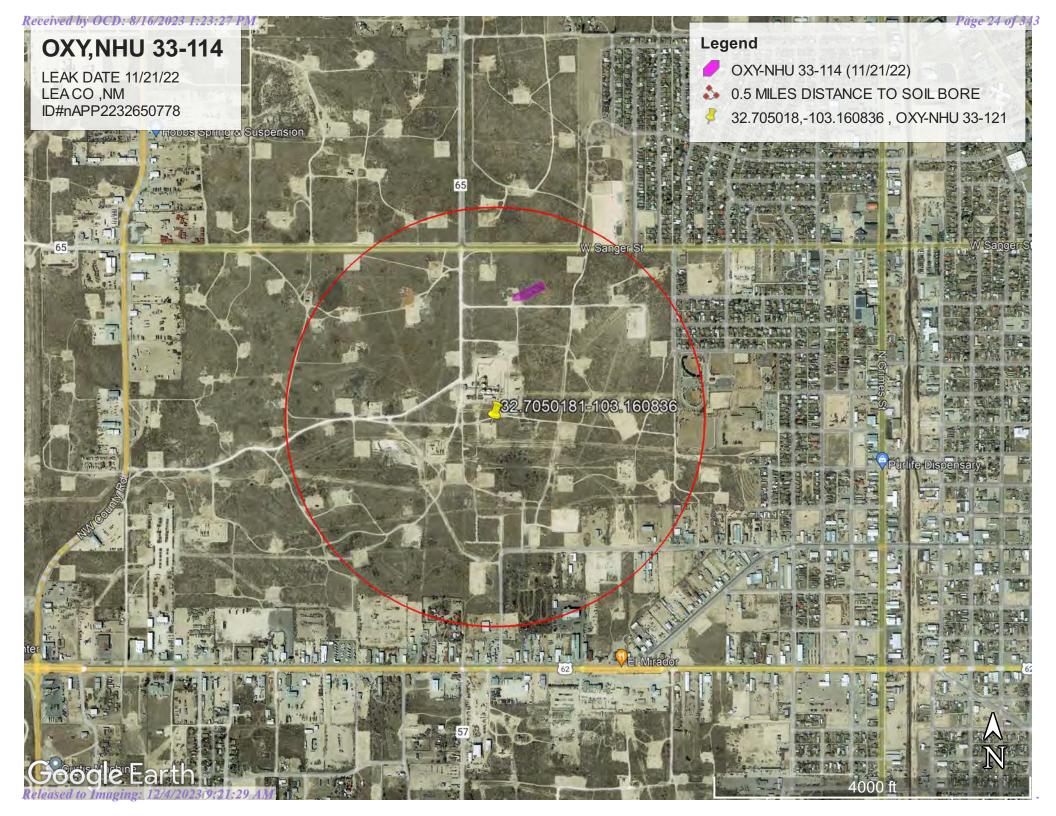
		BS		BS															
	Sample ID	199@1'	200@1'	201@1'	202@1'	203@1'	204@1'	205@1'	206@1'	207@1'		BS 209@1'	210@1'	211@1'	212@1'	213@1'	214@1'	215@1'	216@1'
Analyte	Date	4/14/23	4/14/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23
		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	80.0	16.0	<16.0	32.0	16.0	32.0	32.0	16.0	32.0	32.0	<16.0	<16.0	<16.0	32.0	32.0	48.0	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	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	20.8	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	15.8	<10.0	<10.0	<10.0	<10.0	15.8	<10.0	25.9	<10.0	15.9

		BS		BS															
	Sample ID	217@1'	218@1'	219@1'	220@1'	221@1'	222@1'	223@1'	224@1'	225@1'	226@1'	BS 227@1'	228@1'	229@1'	230@1'	231@1'	232@1'	233@1'	234@1'
Analyte	Date	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23
		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	48.0	48.0	48.0	48.0	48.0	64.0	48.0	80.0	48.0	80.0	80.0	112.0	112.0	112.0	128.0	96.0	112.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	14.8	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	12.4	<10.0	<10.0	12.8	<10.0	<10.0	<10.0	<10.0

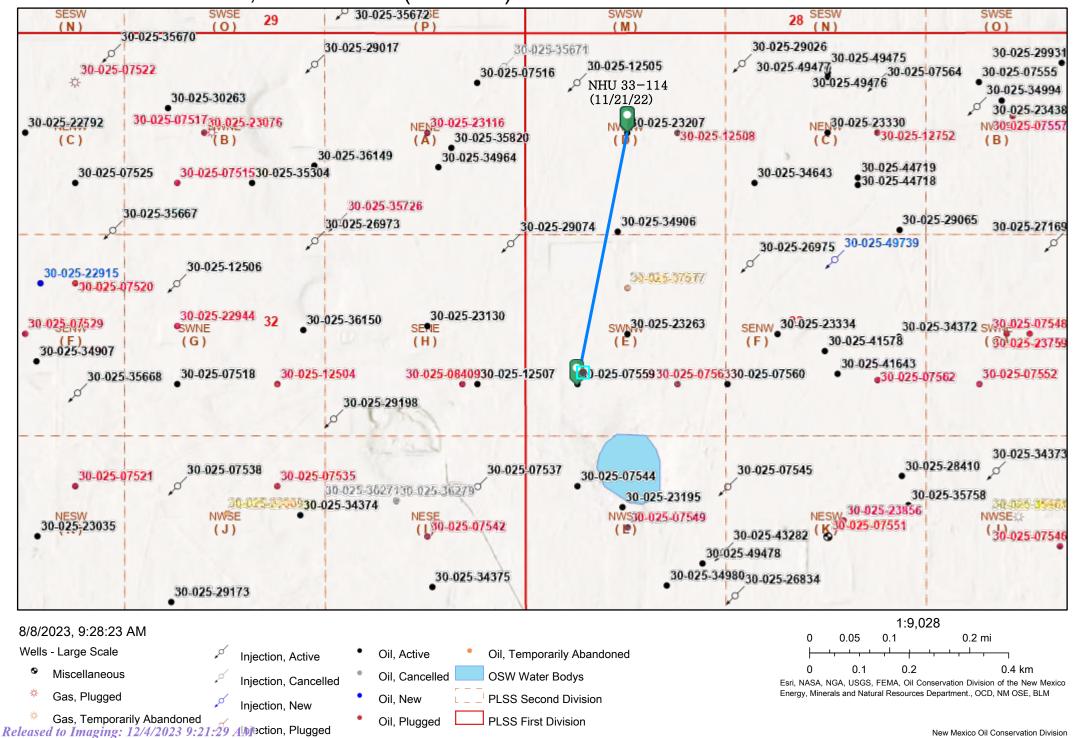
		BS		BS															
	Sample ID	235@1'	236@1'	237@1'	238@1'	239@1'	240@1'	241@1'	242@1'	243@1'	244@1'	BS 245@1'	246@1'	247@1'	248@1'	249@1'	250@1'	251@1'	252@1'
Analyte	Date	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23
		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		144.0	128.0	80.0	96.0	96.0	96.0	96.0	96.0	80.0	112.0	128.0	80.0	80.0	112.0	96.0	80.0	96.0	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		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	12.1	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	10.8	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		D.C.	BS						
		BS		_		_		_	
	Sample ID	253@1'	254@1'	255@1'	256@1'	257@1'	258@1'	259@1'	260@1'
Analyte	Date	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23
		mg/kg							
Benzene		< 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
Ethylbenzene		< 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
Total BTEX		< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300
Chloride		80.0	80.0	80.0	80.0	80.0	80.0	64.0	64.0
GRO		<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
EXT DRO		12.3	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	S W 1	SW 2	SW 3	SW 4	SW 5	SW 6
Analyte	Date	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23	4/17/23
		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
Toluene		< 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
Total Xylenes		<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
Chloride		0.08	48.0	64.0	80.0	64.0	80.0
GRO		<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
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0



#### Received by OCD: 8/16/2023 1:23 OXY, NHU 33-114 (11/21/22) TO SOIL BORING 0.32 MILES





MCollier@h-r-enterprises.com, JHawley@h-r-enterprises.com 575-909-0326 575-605-3471

SOIL BO	RE LOG		
Project:	OXY North Hobbs Unit 33-121	Date:	Jun 30, 2023
Type:	Exploratory Water Bore	Location:	32.705018,-103.160836

Depth	Soil Type	Classification	Comments
0-1′	Topsoil	N/A	Topsoil-100%
1-30′	Caliche	N/A	Caliche-100%
30-55′	Fine Sand/Gravel	N/A	Fine Sand-50% Gravel-50%
			Total Depth-55' BGS
GW=Groundwater			No GW-6/30/23 No GW-7/10/23
		Drillers Signature	Whulf
		NMOSE Drillers Li	icense Number: WD-1862
æ			

Page 1 of 1































































April 24, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NHU 33-114 (11/21/2)

Enclosed are the results of analyses for samples received by the laboratory on 04/19/23 8:22.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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,

Celey D. Keene

Lab Director/Quality Manager



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 1 @ 1' (H231862-01)

OXY - NEW MEXICO

Project Location:

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	< 0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	99.9	200	4.04	
DRO >C10-C28*	164	10.0	04/21/2023	ND	209	104	200	2.87	
EXT DRO >C28-C36	35.2	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	82.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 2 @ 1' (H231862-02)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	99.9	200	4.04	
DRO >C10-C28*	128	10.0	04/21/2023	ND	209	104	200	2.87	
EXT DRO >C28-C36	25.4	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Celey D. Keine



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 3 @ 1' (H231862-03)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	< 0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	< 0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	99.9	200	4.04	
DRO >C10-C28*	109	10.0	04/21/2023	ND	209	104	200	2.87	
EXT DRO >C28-C36	17.5	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 4 @ 1' (H231862-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	99.9	200	4.04	
DRO >C10-C28*	128	10.0	04/21/2023	ND	209	104	200	2.87	
EXT DRO >C28-C36	30.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	84.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	18						

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 5 @ 1' (H231862-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	99.9	200	4.04	
DRO >C10-C28*	101	10.0	04/21/2023	ND	209	104	200	2.87	
EXT DRO >C28-C36	17.2	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	% 49.1-14	18						

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: OXY - NEW MEXICO

ma/ka

#### Sample ID: BOTTOM SAMPLE 6 @ 1' (H231862-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	99.9	200	4.04	
DRO >C10-C28*	451	10.0	04/21/2023	ND	209	104	200	2.87	
EXT DRO >C28-C36	72.1	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: OXY - NEW MEXICO

ma/ka

#### Sample ID: BOTTOM SAMPLE 7 @ 1' (H231862-07)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13-	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	99.9	200	4.04	
DRO >C10-C28*	507	10.0	04/21/2023	ND	209	104	200	2.87	
EXT DRO >C28-C36	82.9	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	82.5	% 48.2-13-	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 8 @ 1' (H231862-08)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	99.9	200	4.04	
DRO >C10-C28*	460	10.0	04/21/2023	ND	209	104	200	2.87	
EXT DRO >C28-C36	82.3	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 9 @ 1' (H231862-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	99.9	200	4.04	
DRO >C10-C28*	273	10.0	04/21/2023	ND	209	104	200	2.87	
EXT DRO >C28-C36	63.4	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124 9	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 10 @ 1' (H231862-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	99.9	200	4.04	
DRO >C10-C28*	86.2	10.0	04/21/2023	ND	209	104	200	2.87	
EXT DRO >C28-C36	24.6	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

\*=Accredited Analyte

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Celey D. Keene

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# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 11 @ 1' (H231862-11)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	< 0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	99.9	200	4.04	
DRO >C10-C28*	487	10.0	04/21/2023	ND	209	104	200	2.87	
EXT DRO >C28-C36	100	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 12 @ 1' (H231862-12)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	99.9	200	4.04	
DRO >C10-C28*	140	10.0	04/21/2023	ND	209	104	200	2.87	
EXT DRO >C28-C36	31.2	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	76.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	18						

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# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 13 @ 1' (H231862-13)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	218	109	200	2.16	
DRO >C10-C28*	381	10.0	04/20/2023	ND	205	102	200	0.476	
EXT DRO >C28-C36	109	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

Cardinal Laboratories \*=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: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 14 @ 1' (H231862-14)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	218	109	200	2.16	
DRO >C10-C28*	540	10.0	04/20/2023	ND	205	102	200	0.476	
EXT DRO >C28-C36	112	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	73.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.7	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 15 @ 1' (H231862-15)

ma/ka

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13-	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	2.16	
DRO >C10-C28*	263	10.0	04/21/2023	ND	205	102	200	0.476	
EXT DRO >C28-C36	80.8	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	65.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.0	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 16 @ 1' (H231862-16)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	2.16	
DRO >C10-C28*	218	10.0	04/21/2023	ND	205	102	200	0.476	
EXT DRO >C28-C36	59.1	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	80.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.9	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 17 @ 1' (H231862-17)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	2.16	
DRO >C10-C28*	143	10.0	04/21/2023	ND	205	102	200	0.476	
EXT DRO >C28-C36	47.4	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	74.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.8	% 49.1-14	18						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 18 @ 1' (H231862-18)

BTEX 8021B	mg/kg		Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	2.16	
DRO >C10-C28*	149	10.0	04/21/2023	ND	205	102	200	0.476	
EXT DRO >C28-C36	43.1	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 19 @ 1' (H231862-19)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	2.16	
DRO >C10-C28*	88.2	10.0	04/21/2023	ND	205	102	200	0.476	
EXT DRO >C28-C36	61.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 20 @ 1' (H231862-20)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.90	94.9	2.00	2.16	
Toluene*	<0.050	0.050	04/20/2023	ND	1.98	99.0	2.00	0.0816	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	0.348	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.10	102	6.00	1.07	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	2.16	
DRO >C10-C28*	54.8	10.0	04/21/2023	ND	205	102	200	0.476	
EXT DRO >C28-C36	37.6	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	75.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.6	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 21 @ 1' (H231862-21)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	<0.050	0.050	04/20/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	2.16	
DRO >C10-C28*	57.7	10.0	04/21/2023	ND	205	102	200	0.476	
EXT DRO >C28-C36	36.7	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 22 @ 1' (H231862-22)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	<0.050	0.050	04/20/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	2.16	
DRO >C10-C28*	163	10.0	04/21/2023	ND	205	102	200	0.476	
EXT DRO >C28-C36	74.1	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	90.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 23 @ 1' (H231862-23)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	<0.050	0.050	04/20/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	2.16	
DRO >C10-C28*	74.7	10.0	04/21/2023	ND	205	102	200	0.476	
EXT DRO >C28-C36	32.2	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.7	% 49.1-14	8						

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Celey D. Keine



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 24 @ 1' (H231862-24)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	<0.050	0.050	04/20/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	2.16	
DRO >C10-C28*	94.7	10.0	04/21/2023	ND	205	102	200	0.476	
EXT DRO >C28-C36	41.1	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.3	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 25 @ 1' (H231862-25)

BTEX 8021B	mg	/kg	Analyze	ed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/20/2023	ND	1.99	99.3	2.00	9.52		
Toluene*	<0.050	0.050	04/20/2023	ND	2.08	104	2.00	8.97		
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.16	108	2.00	9.87		
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.58	110	6.00	9.00		
Total BTEX	<0.300	0.300	04/20/2023	ND						
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4							
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	04/20/2023	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	04/21/2023	ND	218	109	200	2.16		
DRO >C10-C28*	76.8	10.0	04/21/2023	ND	205	102	200	0.476		
EXT DRO >C28-C36	30.6	10.0	04/21/2023	ND						
Surrogate: 1-Chlorooctane	80.4	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	86.4	% 49.1-14	8							

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 26 @ 1' (H231862-26)

ma/ka

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	<0.050	0.050	04/20/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/20/2023	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	04/21/2023	ND	218	109	200	2.16	
DRO >C10-C28*	39.9	10.0	04/21/2023	ND	205	102	200	0.476	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	79.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 27 @ 1' (H231862-27)

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	04/20/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	<0.050	0.050	04/20/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/20/2023	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	04/21/2023	ND	218	109	200	2.16	
DRO >C10-C28*	511	10.0	04/21/2023	ND	205	102	200	0.476	
EXT DRO >C28-C36	122	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 28 @ 1' (H231862-28)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	<0.050	0.050	04/20/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/20/2023	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	04/21/2023	ND	218	109	200	2.16	
DRO >C10-C28*	498	10.0	04/21/2023	ND	205	102	200	0.476	
EXT DRO >C28-C36	128	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	63.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.7	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 29 @ 1' (H231862-29)

BTEX 8021B	mg,	mg/kg Analyzed By: JH							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	< 0.050	0.050	04/20/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	< 0.150	0.150	04/20/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/20/2023	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	04/21/2023	ND	218	109	200	2.16	
DRO >C10-C28*	459	10.0	04/21/2023	ND	205	102	200	0.476	
EXT DRO >C28-C36	117	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 30 @ 1' (H231862-30)

EX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/20/2023	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	04/21/2023	ND	218	109	200	2.16	
DRO >C10-C28*	537	10.0	04/21/2023	ND	205	102	200	0.476	
EXT DRO >C28-C36	140	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	81.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 31 @ 1' (H231862-31)

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	04/21/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	< 0.050	0.050	04/21/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	218	109	200	3.17	
DRO >C10-C28*	71.6	10.0	04/20/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	65.4	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 32 @ 1' (H231862-32)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	218	109	200	3.17	
DRO >C10-C28*	209	10.0	04/20/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	44.7	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	93.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	18						

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Celey D. Keine



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 33 @ 1' (H231862-33)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	3.17	
DRO >C10-C28*	496	10.0	04/21/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	118	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	90.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	18						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 34 @ 1' (H231862-34)

EX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/20/2023	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	04/21/2023	ND	218	109	200	3.17	
DRO >C10-C28*	469	10.0	04/21/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	98.4	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.6	% 49.1-14	8						

Cardinal Laboratories \*=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: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil
Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

## Sample ID: BOTTOM SAMPLE 35 @ 1' (H231862-35)

**OXY - NEW MEXICO** 

Project Location:

Benzene*         < 0.050	ecovery True Value QC RPD Qualifier 99.3 2.00 9.52
Toluene* <0.050 0.050 04/21/2023 ND 2.08 10  Ethylbenzene* <0.050 0.050 04/21/2023 ND 2.16 10  Total Xylenes* <0.150 0.150 04/21/2023 ND 6.58 11  Total BTEX <0.300 0.300 04/21/2023 ND 6.58 11  Surrogate: 4-Bromofluorobenzene (PID 104 % 71.5-134  Chloride, SM4500Cl-B mg/kg Analyzed By: GM  Analyte Result Reporting Limit Analyzed Method Blank BS % Result Reporting Limit Analyzed BY &	9.3 2.00 9.52
Ethylbenzene*         <0.050	
Total Xylenes* <0.150	104 2.00 8.97
Total BTEX <0.300 0.300 04/21/2023 ND  Surrogate: 4-Bromofluorobenzene (PID 104 % 71.5-134  Chloride, SM4500Cl-B mg/kg Analyzed By: GM  Analyte Result Reporting Limit Analyzed Method Blank BS % Result Reporting Limit Analyzed By: GM	108 2.00 9.87
Surrogate: 4-Bromofluorobenzene (PID 104 % 71.5-134  Chloride, SM4500Cl-B mg/kg Analyzed By: GM  Analyte Result Reporting Limit Analyzed Method Blank BS % Result Reporting Limit Analyzed By: GM	110 6.00 9.00
Chloride, SM4500CI-B mg/kg Analyzed By: GM  Analyte Result Reporting Limit Analyzed Method Blank BS % Re-	
Analyte Result Reporting Limit Analyzed Method Blank BS % Re-	
	ecovery True Value QC RPD Qualifier
<b>Chloride 192</b> 16.0 04/20/2023 ND 400 10	100 400 3.92
TPH 8015M mg/kg Analyzed By: MS	
Analyte Result Reporting Limit Analyzed Method Blank BS % Re	ecovery True Value QC RPD Qualifier
GRO C6-C10* <10.0 10.0 04/21/2023 ND 218 10	109 200 3.17
<b>DRO &gt;C10-C28*</b> 378 10.0 04/21/2023 ND 209 10	105 200 1.42
<b>EXT DRO &gt;C28-C36 96.2</b> 10.0 04/21/2023 ND	
Surrogate: 1-Chlorooctane 75.4 % 48.2-134	
Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148	

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Celey D. Keine



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 36 @ 1' (H231862-36)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/20/2023	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	04/21/2023	ND	218	109	200	3.17	
DRO >C10-C28*	406	10.0	04/21/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	93.9	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	84.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 37 @ 1' (H231862-37)

EX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/20/2023	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	04/21/2023	ND	218	109	200	3.17	
DRO >C10-C28*	70.4	10.0	04/21/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	68.6	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	96.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 38 @ 1' (H231862-38)

EX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/20/2023	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	04/21/2023	ND	218	109	200	3.17	
DRO >C10-C28*	38.5	10.0	04/21/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	35.4	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	93.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 39 @ 1' (H231862-39)

EX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/20/2023	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	04/21/2023	ND	218	109	200	3.17	
DRO >C10-C28*	69.5	10.0	04/21/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	73.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 40 @ 1' (H231862-40)

EX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.99	99.3	2.00	9.52	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	8.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.16	108	2.00	9.87	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.58	110	6.00	9.00	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/20/2023	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	04/21/2023	ND	218	109	200	3.17	
DRO >C10-C28*	42.7	10.0	04/21/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	39.5	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 41 @ 1' (H231862-41)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/20/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/20/2023	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	04/21/2023	ND	218	109	200	3.17	
DRO >C10-C28*	62.1	10.0	04/21/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	55.1	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	122	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 42 @ 1' (H231862-42)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/20/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/20/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	3.17	
DRO >C10-C28*	60.4	10.0	04/21/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	56.1	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	117	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 43 @ 1' (H231862-43)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/20/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/20/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	3.17	
DRO >C10-C28*	61.4	10.0	04/21/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	61.8	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	119 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 44 @ 1' (H231862-44)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/20/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/20/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	3.17	
DRO >C10-C28*	60.8	10.0	04/21/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	60.5	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	8						

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\*=Accredited Analyte

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Celey D. Keine



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 45 @ 1' (H231862-45)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/20/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/20/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	3.17	
DRO >C10-C28*	58.2	10.0	04/21/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	53.9	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	120	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 46 @ 1' (H231862-46)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/20/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	3.17	
DRO >C10-C28*	55.2	10.0	04/21/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	56.7	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

Cardinal Laboratories \*=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: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 47 @ 1' (H231862-47)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/20/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	3.17	
DRO >C10-C28*	124	10.0	04/21/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	55.1	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 48 @ 1' (H231862-48)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/20/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	3.17	
DRO >C10-C28*	56.8	10.0	04/21/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	54.5	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	114	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 49 @ 1' (H231862-49)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/20/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	3.17	
DRO >C10-C28*	65.8	10.0	04/21/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	66.5	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	118 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	134 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 50 @ 1' (H231862-50)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/20/2023	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	218	109	200	3.17	
DRO >C10-C28*	50.1	10.0	04/21/2023	ND	209	105	200	1.42	
EXT DRO >C28-C36	52.4	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 51 @ 1' (H231862-51)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/20/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	200	100	200	3.00	
DRO >C10-C28*	55.0	10.0	04/20/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	45.8	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	93.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 52 @ 1' (H231862-52)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/20/2023	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
DRO >C10-C28*	61.7	10.0	04/21/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	57.5	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	112	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 53 @ 1' (H231862-53)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/20/2023	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
DRO >C10-C28*	50.3	10.0	04/21/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	45.6	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	99.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 54 @ 1' (H231862-54)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
DRO >C10-C28*	48.2	10.0	04/21/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	42.3	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	120 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132 9	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 55 @ 1' (H231862-55)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 56 @ 1' (H231862-56)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
DRO >C10-C28*	10.0	10.0	04/21/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	111	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	18						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 57 @ 1' (H231862-57)

ma/ka

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.0	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 58 @ 1' (H231862-58)

mg/kg

BTEX 8021B

	9/	9	7	<u>,,,</u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 59 @ 1' (H231862-59)

ma/ka

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	93.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.7	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 60 @ 1' (H231862-60)

ma/ka

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	101	2.00	6.17	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	3.97	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	4.88	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	4.80	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 61 @ 1' (H231862-61)

ma/ka

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	04/20/2023	ND	2.03	101	2.00	4.03	
<0.050	0.050	04/20/2023	ND	2.19	109	2.00	3.35	
<0.050	0.050	04/20/2023	ND	2.14	107	2.00	3.55	
<0.150	0.150	04/20/2023	ND	6.70	112	6.00	4.18	
<0.300	0.300	04/20/2023	ND					
103 9	% 71.5-13	4						
mg/	'kg	Analyze	d By: GM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
64.0	16.0	04/20/2023	ND	416	104	400	3.77	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
<10.0	10.0	04/21/2023	ND	196	98.1	200	5.06	
<10.0	10.0	04/21/2023	ND					
103 9	% 48.2-13	4						
109	% 49.1-14	8						
	<0.050 <0.050 <0.050 <0.150 <0.300  103 9  mg/  Result 64.0  mg/  Result <10.0 <10.0	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 To 3 % To 3 % To 3 % Result Reporting Limit 64.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 62 @ 1' (H231862-62)

ma/ka

RTFY 8021R

mg/	9		a By: JH/					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	04/20/2023	ND	2.03	101	2.00	4.03	
<0.050	0.050	04/20/2023	ND	2.19	109	2.00	3.35	
<0.050	0.050	04/20/2023	ND	2.14	107	2.00	3.55	
<0.150	0.150	04/20/2023	ND	6.70	112	6.00	4.18	
<0.300	0.300	04/20/2023	ND					
104 9	% 71.5-13	4						
mg/	'kg	Analyze	d By: GM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
48.0	16.0	04/20/2023	ND	416	104	400	3.77	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
<10.0	10.0	04/21/2023	ND	196	98.1	200	5.06	
<10.0	10.0	04/21/2023	ND					
96.7	% 48.2-13	4						
100 9	% 49.1-14	8						
-	Result <0.050 <0.050 <0.050 <0.150 <0.300  104 9 mg/  Result 48.0 mg/  Result <10.0 <10.0 <10.0	Result   Reporting Limit   <0.050   0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.150   <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300     <0.300   <0.300     <0.300     <0.300     <0.300     <0.300     <0.300   <0.300     <0.300     <0.300     <0.300     <0.300     <0.300   <0.300     <0.300     <0.300     <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.300   <0.3	Result         Reporting Limit         Analyzed           <0.050	Result         Reporting Limit         Analyzed         Method Blank           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery           < 0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC           <0.050	Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           <0.050

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/12/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 63 @ 1' (H231862-63)

ma/ka

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/20/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.9	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 64 @ 1' (H231862-64)

ma/ka

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/20/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	98.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey & Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 65 @ 1' (H231862-65)

ma/ka

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/20/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 66 @ 1' (H231862-66)

ma/ka

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 67 @ 1' (H231862-67)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	93.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 68 @ 1' (H231862-68)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
DRO >C10-C28*	10.1	10.0	04/21/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 69 @ 1' (H231862-69)

ma/ka

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
DRO >C10-C28*	11.0	10.0	04/21/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	96.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 70 @ 1' (H231862-70)

**OXY - NEW MEXICO** 

Project Location:

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	3.00	
DRO >C10-C28*	10.7	10.0	04/21/2023	ND	196	98.1	200	5.06	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	92.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 71 @ 1' (H231862-71)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	17.1	10.0	04/20/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	23.5	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 72 @ 1' (H231862-72)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	11.1	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	17.8	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	98.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 73 @ 1' (H231862-73)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/20/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	14.7	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	20.2	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	93.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.2	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 74 @ 1' (H231862-74)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	13.8	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	21.9	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 75 @ 1' (H231862-75)

**OXY - NEW MEXICO** 

Project Location:

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	12.1	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	14.9	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 76 @ 1' (H231862-76)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	10.6	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	13.9	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 77 @ 1' (H231862-77)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	10.7	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	10.1	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	113 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 78 @ 1' (H231862-78)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	13.3	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	18.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.2	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 79 @ 1' (H231862-79)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.0	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 80 @ 1' (H231862-80)

BTEX 8021B	mg,	mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.03	101	2.00	4.03	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	3.35	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	3.55	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.70	112	6.00	4.18	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	17.0	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	22.2	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	18						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 81 @ 1' (H231862-81)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/20/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	10.3	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	11.1	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.5	% 49.1-14	18						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 82 @ 1' (H231862-82)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/20/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	10.3	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	10.4	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.9	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 83 @ 1' (H231862-83)

ma/ka

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/20/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	12.7	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	22.5	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 84 @ 1' (H231862-84)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/20/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	10.9	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	15.4	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 85 @ 1' (H231862-85)

**OXY - NEW MEXICO** 

Project Location:

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/20/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	14.7	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	19.6	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 86 @ 1' (H231862-86)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/20/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	13.6	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	17.2	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.8	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 87 @ 1' (H231862-87)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/20/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	< 0.150	0.150	04/20/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	11.5	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	18.2	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	99.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 88 @ 1' (H231862-88)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/20/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	11.0	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	14.5	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 89 @ 1' (H231862-89)

ma/ka

RTFY 8021R

B1EX 8021B	mg,	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/20/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	83.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 90 @ 1' (H231862-90)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/20/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	205	102	200	0.00928	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	214	107	200	0.325	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	60.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 91 @ 1' (H231862-91)

ma/ka

RTFY 8021R

BIEX 8021B	mg,	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/20/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (P.	ID 110	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	98.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.0	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 92 @ 1' (H231862-92)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/20/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/20/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/20/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/20/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	79.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.0	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 93 @ 1' (H231862-93)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/21/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/20/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



#### **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

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	BBC International, Inc.							BIL	LL TO					ANALY	SIS REC	QUEST		
Project Manage	r: Cliff Brunson					P.	0, #:											
Address: P.O.	Box 805					C	ompar	ny:	Оху						1 1			
city: Hobbs	State: NM	Zij	p: {	38241		At	tn:								1 1			
Phone #: 575-	397-6388 Fax #: 57	5-39	7-0	397		A	dres	s:							1 1		1 1	
Project #:	Project Own	er: C	ху			Ci	ty:							1 1				
	NHU 33-114 (11/21/22)					St	ate:		Zip:									
	n: New Mexico					Phone #:												
Sampler Name:						Fa	ax #:				0	-			- 1 - 1		1 1	
FOR LAB USE ONLY		L	Т		MATRI	X	PRE	SERV.	SAMPL	ING	0		V					
Lab I.D. 1423   862	Sample I.D.	G)RAB OR (C)OM	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	ACID/BASE:	OTHER:	DATE	TIME	Chlor	Brex	TPAE					
125101	BOTTOM SAMPLE 1@1'	G	1		V			~	4/12/23	7:20AM	1	1	1				1	_
Z	BOTTOM SMAPLE 2@1'	11	11		1				4/12/23	7:26AM	1	1	1				+ +	_
3	BOTTOM SAMPLE 3@1'	Ш	П						4/12/23	7:42AM	1	1	1				1 1	1
4	BOTTOM SAMPLE 4@1'	Ш	Ш		1				4/12/23	7:51AM	1	1	1				+ +	_
5	BOTTOM SAMPLE 5@1'		Ш						4/12/23	8:02AM	1	1	1				-	_
6	BOTTOM SAMPLE 6@1'		11						4/12/23	8:10AM	1	1	1		-		+	_
7	BOTTOM SAMPLE 7@1'		Ш						4/12/23	8:19AM	1	1	1		_		+	_
8	BOTTOM SAMPLE 8@1'		Ш						4/12/23	8:26AM	1	1	1					_
9	BOTTOM SAMPLE 9@1'		Ш						4/12/23	8:33AM	1	1	1					_
10	BOTTOM SAMPLE 10@1' and Damages. Cardinal's liability and client's exclusive remedy 1				1	1.1		1	4/12/23	8:43AM	1	1	1					

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing whether based in contract or fort, shall be limited to the amount paid by the client for me 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 consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 4-/9-23 Time:	Investmen	Fax Result: REMARKS:	□ Yes	□ No	Add'l Fax #:	
Relinquished By:  Delivered By: (Circle One) _ 9  Sampler - UPS - Bus - Other:		Received By:  Sample Condition CHECKED BY:  Cool Intact (Initials)					
		VI					

Released to Imaging: 12/4/2023 9:21:29 AM

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	Company Name: BBC International, Inc.						BIL	L TO					ANA	LYSIS	REQ	UEST		
	r: Cliff Brunson				P.	0. #:												
Address: P.O.	. Box 805				C	ompany	ı: (	Оху										
city: Hobbs	State: NM	Zip	: 8	38241	At	tn:												J
Phone #: 575-					A	ddress:												
Project #:	Project Owne	r: O	ху		Ci	ity:												
	NHU 33-114 (11/21/22)				St	ate:	- 3	Zip:										
	n: New Mexico				PI	Phone #:					,							
Sampler Name:					Fa	ax #:				)								
FOR LAB USE ONLY		L	Г	MATRI	X	PRESE	RV.	SAMPL	ING ·	13	_	X						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM	# CONTAINERS	GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER:	ACID/BASE: ICE / COOL	OTHER:	DATE	TIME	Chlori	8 EX	工作						
/1	BOTTOM SAMPLE 11@1'	C		Y		1 2		4/12/23	8:51AM	1	1	1						
12	BOTTOM SMAPLE 12@1'	1	11			1		4/12/23	9:01AM	<b>√</b>	1	1				_		
13	BOTTOM SAMPLE 13@1'	Ш	Ш			1.11	- 1	4/12/23	9:10AM	1	1	1						
14	BOTTOM SAMPLE 14@1'	П	Ш				-	4/12/23	9:18AM	1	1	1	_		-	_	-	_
15	BOTTOM SAMPLE 15@1'	П	П					4/12/23	9:29AM	1	1	1				_		
14	BOTTOM SAMPLE 16@1'	Ш	Ш					4/12/23	9:38AM	1	1	1						
17	BOTTOM SAMPLE 17@1'	П	Ш				Ш	4/12/23	9:47AM	1	1	1						
18	BOTTOM SAMPLE 18@1'	Ш	11					4/12/23	9:55AM	1	1	1						
19	BOTTOM SAMPLE 19@1'	П	П					4/12/23	10:04AM	1	1	1					_	
	BOTTOM SAMPLE 20@1'	П		1		1		4/12/23	10;12AM	1	1	1						

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

Relinquished By:	Date: 44023	Received By:	Phone Result: Fax Result:	☐ Yes	□ No	Add'l Phone #: Add'l Fax #:
Sho	Time:	Israeltenn	REMARKS:			
Relinquished By:  Saultma  Delivered By: (Circle One)	Date: 19-23	Received By:  Sample Condition CHECKED BY:	5			
Sampler - UPS - Bus - Other:	-9.92	Cool Intact (finitials)				

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(505) 393-2326 FAX (505) 393-24	76					_								_					-			_
Company Name	BBC International, Inc.								BI	LL TO		_	_		A	NAL	YSIS	REC	QUE	31			_
Project Manage	er: Cliff Brunson						P.	0. #															
Address: P.O	. Box 805						С	ompa	any:	Оху											. 1		
city: Hobbs	State: NM	Zi	p: 8	882	41		A	ttn:															
Phone #: 575-	397-6388 Fax #: 57	5-39	7-0	397			А	ddre	ss:														
Project #:	Project Own	er: C	ху				С	ity:															
	NHU 33-114 (11/21/22)						s	tate:		Zip:							- 1						
	n: New Mexico						Phone #:																
Sampler Name:							F	ax #:				3			- 1								
FOR LAB USE ONLY		Τ.	Т		MA	TRIX		PRI	ESERV	SAMPL	ING	18		×	- 1								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	ACID/BASE:	ICE / COOL	DATE	TIME	Chlon	REE	TPHE									
21	BOTTOM SAMPLE 21@1'	G	1		1	/			Y	4/12/23	10:20AM	1	1	1									
23	BOTTOM SMAPLE 22@1'	Ĩ	11							4/12/23	10:30AM	1	1	1									
23	BOTTOM SAMPLE 23@1'	1)	Ш							4/12/23	10:37AM	1	1	1	_			- 1					
24	BOTTOM SAMPLE 24@1'	Ш	Ш						4	4/12/23	10:46AM	1	1	1	_		-						
	BOTTOM SAMPLE 25@1'	Ш	11	L						4/12/23	10:55AM	1	1	1	_	-	-						
26	BOTTOM SAMPLE 26@1'	-11	11							4/12/23	11:04AM	1	1	1		-	-	_		H			
27	BOTTOM SAMPLE 27@1'	-11	11					1	1	4/12/23	11:12AM	1	1	1	_	-	-						
	BOTTOM SAMPLE 28@1'	41	11	1				1		4/12/23	11:22AM	1	1	1		-	-	-					
39	BOTTOM SAMPLE 29@1'	11	11						1	4/12/23	11:31AM	1	1	1	-	-	-					_	
30	BOTTOM SAMPLE 30@1'	-11	Ш	1					1	4/12/23	11:40AM	1	1	1							1		

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Relinquished By:	Date: 4-19-23	Received By:	Phone Result: Fax Result:	☐ Yes	□ No	Add'l Phone #: Add'l Fax #:
Show	Time: Coften	Israeltenc	REMARKS:			
Relinquished By:		Received By:				
Smalltena	Timer (32)	Skoamonand				
Delivered By: (Circle One)	3:10-0.	Sample Condition CHECKED BY:				
Sampler - UPS - Bus - Other:	9912#	Yes Yes No No				

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	(505) 393-2326 FAX (505) 393-24 BBC International, Inc.							BI	LL TO					ANAL	YSIS R	EQUE	ST		
	r: Cliff Brunson						P.O.	#:											
Address: P.O.							Com	pany:	Oxy										
city: Hobbs	State: NM	Zij	: 8	824	1		Attn:												
Phone #: 575-							Addr	ess:											
Project #:	Project Own						City:							1 1					
	NHU 33-114 (11/21/22)						State	:	Zip:		1			1 1					
	n: New Mexico						Phon	e #:			2								
	mpler Name: SIMON						Fax #	t:			2								
FOR LAB USE ONLY	OM/O/V	Т	Т		MATE	RIX	P	RESERV	SAMPL	ING ,	7			1 1					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SLUDGE	OTHER:	ICE / COOL	DATE	TIME	Chlor	SEET EX	<b>HBH</b>						
31	BOTTOM SAMPLE 31@1'	C	A		V			1	4/12/23	11:49AM	1	1	1						+-
32	BOTTOM SMAPLE 32@1'	1	1		1				4/12/23	10:57AM	1	1	1	-		-			-
	BOTTOM SAMPLE 33@1'	П	11		1		1		4/12/23	12:06PM	1	1	1						-
34	BOTTOM SAMPLE 34@1'	11	П						4/12/23	12:15PM	1	1	1			-			+-
	BOTTOM SAMPLE 35@1'	11	П						4/12/23	12:24PM	1	1	1			-			-
36	BOTTOM SAMPLE 36@1'	Ш	П		-1				4/12/23	12:35PM	1	1	1		_	_		_	+-
37	BOTTOM SAMPLE 37@1'	П	П						4/12/23	12:46PM	1	1	1				-		_
	BOTTOM SAMPLE 38@1'	11	П					1	4/12/23	12:55PM	1	1	1			-			+
	BOTTOM SAMPLE 39@1'	11	П						4/12/23	1:10PM	1	1	1						+
	BOTTOM SAMPLE 40@1'		П					(	4/12/23	1:18PM aid by the client fo	1	1	1					1	

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Relinquished By:	Date: 19-23 Received By:	Fax Result:	☐ Yes	□ No	Add'l Fax #:
Solar	Times Israel ferre	REMARKS:			
Relinquished By:	Date:-1923 Received By:				
Delivered By: (Circle One) 9	Sample Condition CHECKED BY:				
Sampler - UPS - Bus - Other:	-902 #13 Pres Yes 8				

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

## RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476 BILL TO ANALYSIS REQUEST Company Name: BBC International, Inc. P.O. #: Project Manager: Cliff Brunson Address: P.O. Box 805 Company: Oxy State: NM zip: 88241 City: Hobbs Attn: Phone #: 575-397-6388 Fax #: 575-397-0397 Address: Project Owner: Oxy City: Project #: Project Name: NHU 33-114 (11/21/22) State: Zip: Project Location: New Mexico Phone #: Fax #: SIMON Sampler Name: PRESERV. SAMPLING MATRIX FOR LAB USE ONLY (G)RAB OR (C)OMF Sample I.D. ACID/BASE Lab I.D. ICE / COOI H231862 이 DATE TIME 4/12/23 1:27PM BOTTOM SAMPLE 41@1' 1:34PM 4/12/23 BOTTOM SMAPLE 42@1' 1:42PM 43 BOTTOM SAMPLE 43@1' 4/12/23 1:50PM 4/12/23 BOTTOM SAMPLE 44@1' 4/12/23 1:58PM BOTTOM SAMPLE 45@1' 2:07PM BOTTOM SAMPLE 46@1' 4/12/23 1 2:15PM 4/12/23 BOTTOM SAMPLE 47@1' 2:24PM BOTTOM SAMPLE 48@1' 4/12/23 4/12/23 2:30PM

BOTTOM SAMPLE 50@1 analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed warved 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 consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, by Cardinal, regardless of whether such claim is based upon artifolithe above stated reasons or otherwise

Relinquished By:	Date: 4.49.73	Received By:	Phone Result: Fax Result:	☐ Yes	□ No	Add'l Phone #: Add'l Fax #:
Sunda	Times WAM	Israel tema	REMARKS:			
Relinquished By:	Date: 14-23	Received By:				
Snaelkenn	Time:	Spodergnut	s l			
Delivered By: (Circle One) _ 9.	3i) C-0	Sample Condition CHECKED BY: Cool Intact (Ipitials)				
Sampler - UPS - Bus - Other:	-992	#13 Pres Pres				

4/12/23

2:37PM

BOTTOM SAMPLE 49@1'

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

101 East Marland, Hobbs, NM 88240

Company Name: BBC International, Inc.						BILL TO							ANALYSIS REQUEST					
Project Manage	r: Cliff Brunson					F	P.O. #	t:			1							
Address: P.O.	. Box 805					0	omp	any:	Оху		1							
City: Hobbs State: NM Zip: 88241					1	ttn:				1								
Phone #: 575-397-6388 Fax #: 575-397-0397					1	ddre	ss:										1 1	
Project #: Project Owner: Oxy						city:												
Project Name: NHU 33-114 (11/21/22)					5	State:		Zip:		1								
Project Location	n: New Mexico					F	hone	e #:								1. 1		
Sampler Name:						_	ax#				15							1 1
FOR LAB USE ONLY		,		7	MATR	X	PR	ESERV.	SAMPL	ING .	13				1 1			1 1
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME	Chou	RIEX	日松上					
51	BOTTOM SAMPLE 51@1'	G	I		1			i-	4/12/23	2:47PM	1	1	1					
52	BOTTOM SMAPLE 52@1'	1	1		1		1		4/12/23	2:54PM	1	1	1					
C2	BOTTOM SAMPLE 53@1'	П	n						4/12/23	3:02PM	1	1	1		$\perp$		-	
54	BOTTOM SAMPLE 54@1'	П	11		1		1		4/12/23	3:12PM	1	1	1		$\perp$			+
55	BOTTOM SAMPLE 55@1'	11	1		1	$\perp$	1		4/12/23	3:20PM	1	1	1		-			-
56	BOTTOM SAMPLE 56@1'	11	╙	4	1	$\perp$	1		4/12/23	3:28PM	1	1	1		+	_		+
57	BOTTOM SAMPLE 57@1'	Н	╙				1		4/12/23	3:35PM	1	1	1		+			+
	BOTTOM SAMPLE 58@1'	11					+	1	4/12/23	3:44PM	1	1	1		+-+			
	BOTTOM SAMPLE 59@1'	11	1			++	+	1	4/12/23	3:52PM 4:02PM	1	1	-		1			
40	BOTTOM SAMPLE 60@1'	11	I.		1			4		4:02PM	1	1	/		$\perp$			

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive temedy for any client arising whether based in contract or fort, shall be writted to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

Relinquished By:	Date: 19-23	Received By	///		Phone Result: Fax Result:	☐ Yes	□ No	Add'l Phone #: Add'l Fax #:
LLE	Times with	Is	1ast te	na	REMARKS:			
Relinquished By:	Date: 1-19-23	Received By						
Inactiona	Time:	SKO	deign	cer				
Delivered By: (Circle One) _9.	3:100.	U Sai	mple Condition	CHECKED BY:				
Sampler - UPS - Bus - Other:	-99: H	413 7	Yes Yes	86				

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Received by OCD: 8/16/2023 1:23:27 PM

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.							BI	LL TO		ANALYSIS REQUEST						
	r: Cliff Brunson				P.	P.O. #:										
Address: P.O. Box 805					C	ompa	any:	Оху		1 1						
City: Hobbs State: NM Zip: 88241					A	ttn:										
Phone #: 575-397-6388 Fax #: 575-397-0397					A	ddre	ss:			1						
Project #: Project Owner: Oxy					С	ity:										
Project Name: NHU 33-114 (11/21/22)					S	tate:		Zip:								
Project Location: New Mexico					P	hone	#:			2			1 1			
Sampler Name: SIMON			_	Fax #:												
FOR LAB USE ONLY		1,		MATR	X	PR	ESERV	SAMPL	ING	10		$\sim$	1 1			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL	SLUDGE	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME	Ohlan	BIEX	TOHE				
61	BOTTOM SAMPLE 61@1'	G	11	1			Y	4/12/23	4:10PM	1	1	1				-
62	BOTTOM SMAPLE 62@1'	11	11		1		1	4/12/23	4:17PM	1	V	1				
63	BOTTOM SAMPLE 63@1'	11	ı	1	H		1	4/12/23	4:25PM	1	-	1				
		1														-
		+	1			+				+						
	В	1	1		+-	+		-		-	-					-

PLEASE NOTE: Listability and Damages. Cardinal's kability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicability and the claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal Whitin 30 days after completion of the applicability and claims in the part of the part of the cardinal security and the part of the

Relinquished By:	Date: 1923 Received By:	Phone Result:	☐ Yes	□ No	Add'l Phone #:
513	Time was Israel Lena	Fax Result: REMARKS:	□ Yes	□ No	Add'l Fax #:
In all flend	Tipe 22 Received By:				
Delivered By: (Circle One) 9.3 Sampler - UPS - Bus - Other:	Sample Condition CHECKED BY:  Cool Intact (mitials)				

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Nam	e: BBC International, Inc.						П		1	BIL	LL TO					AN	ALYSI	S RI	EQUI	EST		
Project Manage	er: Cliff Brunson							P.O.	#:				Т									
Address: P.O	D. Box 805						-	Comp	pany:	: (	Оху		1					1				
City: Hobbs	State: NM	Zi	p:	882	241			Attn:					1		1 1			1				
Phone #: 575-	Mac bear	5-39					1	Addr	ess:				1									
Project #:	Project Own	er: C	Эху					City:					1									
	NHU 33-114 (11/21/22)							State			Zip:		1									
	on: New Mexico							hon					1									
Sampler Name:	2741411							ax #					12		l.							
FOR LAB USE ONLY		Т	Т	Т	MA	ATRI	_	_	RESER	RV.	SAMPL	ING	13		N 1							
Lab I.D. H231842	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	ACID/BASE:	CE/COOL	OTHER:	DATE	TIME	Chlario	BIEX	TPHEX							
	BOTTOM SAMPLE 64@1'	G	1		L	/			V	Ĩ,	4/13/23	7:15AM	1	1	1						$\overline{}$	
65	BOTTOM SMAPLE 65@1'	11	11		1					1	4/13/23	7:24AM	1	1	1							
The second secon		Ш	П	1						1	4/13/23	7:23 AM	1	1	1							
	BOTTOM SAMPLE 67@1'	Ш	П	L						1	4/13/23	7:41 AM	1	1	1							
	BOTTOM SAMPLE 68@1'	П	П							1	4/13/23	7:52AM	1	1	1							
	BOTTOM SAMPLE 69@1'	H	П							1	4/13/23	8:01AM	1	1	1							
	BOTTOM SAMPLE 70@1'	П	П							1	4/13/23	8:10AM	1	1	1							
	BOTTOM SAMPLE 71@1'	11	П							1	4/13/23	8:19AM	1	1	1							
	BOTTOM SAMPLE 72@1'		П							4	4/13/23	8:25AM	1	1	0							
73	BOTTOM SAMPLE 73@1*	11	П		1				1	4	4/13/23	8:34AM	1	1	1							

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Relinquished By:	Date:	Received By:	.//	Phone Result:	☐ Yes	□ No	Add'l Phone #:	
e 1) 0	799.63	/	16	Fax Result:	☐ Yes	□ No	Add'l Fax #:	
a de de	Time 8:00 MM	Israer	Tour	REMARKS:				
Relinquished By:	Date:4-19-23	Received By:	4	1				
Israeltenn		Newpil	millo					
Delivered By: (Circle One)	2. 4000	Sample Condition	CHECKED BY:	1				
	20 (1-0-1			1				
Sampler - UPS - Bus - Other:	-99: 7	Cool Intact Yes Yes No No	SP					

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Released to Imaging: 12/4/2023 9:21:29 AM

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 202 2226 EAX (505) 393 2476

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	BBC International, Inc.								L	3/L	L TO					ANALYS	S REC	UEST		
Project Manage	r: Cliff Brunson						-	P.O.	#:				J							
Address: P.O.	. Box 805						(	Com	pany:	. (	Оху									
City: Hobbs	State: NM	Zip	: 8	8824	11		,	Attn:												
Phone #: 575-	397-6388 Fax #: 575	5-39	7-0	397				Addr	ess:								1 1			
Project #:	Project Owne	r: 0	ху				-	City:									1 1			- 1
	NHU 33-114 (11/21/22)							State	:		Zip:									
	n: New Mexico							Phon	e #:				1							
Sampler Name:								ax #	t:				١,				1 1			
FOR LAB USE ONLY		Τ.	Т		MA	ATRI	X	PI	RESER	RV.	SAMPL	ING	13				1 1			
Lab I.D. H23 1862	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ICE / COOL	OTHER:	DATE	TIME	Chloru	RIEX	TME					
	BOTTOM SAMPLE 74@1'	C	1		1				4		4/13/23	8:42AM	1	1	1				1 1 2	
75	BOTTOM SMAPLE 75@1'	П	Ш								4/13/23	8:50AM	1	1	1					
76	BOTTOM SAMPLE 76@1'	П	n								4/13/23	9:01AM	1	1	1					
	BOTTOM SAMPLE 77@1'	Ш	П								4/13/23	9:10AM	1	1	1					
	BOTTOM SAMPLE 78@1'	П	П								4/13/23	9:17AM	1	1	1					
	BOTTOM SAMPLE 79@1'	11	П								4/13/23	9:26AM	1	1	1					
	BOTTOM SAMPLE 80@1'	П	II								4/13/23	9:34AM	1	1	1					
	BOTTOM SAMPLE 81@1'	П	П								4/13/23	9:41AM	1	1	1					
82	BOTTOM SAMPLE 82@1'	П	Ш								4/13/23	9:50AM	1	1	1					
83	BOTTOM SAMPLE 83@1' and Damages. Cardinal's liability and client's exclusive remedy to	П	П								4/13/23	9:57AM	1	1	1					

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Relinguished By:	Date:	Received By:	7)	Phone Result:	☐ Yes	□ No	Add'I Phone #:	
- 11 01	4-19-23	//	16/	Fax Result:	☐ Yes	□ No	Add'l Fax #:	
2	Times-2004	Malli	Lena	REMARKS:				
Relinquished By:	Date: 10-23	Received By:						
Israelfenn	Times	Stodeo	ney					
Delivered By: (Circle One)	C-0.	Sample Condition Cool Intact	CHECKED BY					
Sampler - UPS - Bus - Other:	1-9.92	#13   Yes   Yes	X					

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Released to Imaging: 12/4/2023 9:21:29 AM

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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

Company Nam	e #: 575-397-6388 Fax #: 575-397-0397 et #: Project Owner: Oxy et Name: NHU 33-114 (11/21/22) et Location: New Mexico ler Name: SIMON  BUSE ONLY								B	ILL TO					ANALYS	IS REO	LIEST		
Project Manag	er: Cliff Brunson						F	.0.#				T	T	T	1 1	T T	1		_
Address: P.C	D. Box 805						0	omp	any:	Oxy		1			1.1	1 1			
city: Hobbs	State: NM	Zi	p:	882	41			ttn:		J.,		1	1			1 1			
Phone #: 575	207 2000							ddre	ss:			1	1						
Project #:	Project Own	er: C	ху					ity:	-			1	1			1 1			
Project Name:								tate:		Zip:		1	1			1 1			
Project Location	on: New Mexico							hone		С.р.		1	1			1 1		1 1	
Sampler Name	pler Name: SIMON							ax #:				10							
FOR LAB USE ONLY		Т	Т	Т	MA	TRIX	_	-	ESERV	SAMPL	ING	13		M					
Lab I.D. H231862	Sample I.D.	(G)RAB OR (C)OM	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME	chlore	87.TX	TPH E					
84	BOTTOM SAMPLE 84@1'	C	1		L	/		Ì	V	4/13/23	10:05AM	1	1	1					_
85		П	П							4/13/23	10:14AM	1	1	1					1
86	BOTTOM SAMPLE 86@1'	II	Ш							4/13/23	10:20AM	1	1	1					1
87	BOTTOM SAMPLE 87@1'	11	Ш							4/13/23	10:27AM	0	1	1					
	BOTTOM SAMPLE 88@1'	11	11							4/13/23	10:33AM	1	1	1					
		11	Ш							4/13/23	10:40AM	1	1	1					
-	BOTTOM SAMPLE 90@1'	11	Ш							4/13/23	10:48AM	1	1	1					
		11	Ш							4/13/23	10:55AM	1	1	1					
92		11	П							4/13/23	11:04AM	1	1	1					
93	BOTTOM SAMPLE 93@1' and Damages. Cardinal's liability and client's exclusive remedy for	П								4/13/23	11:10AM	1	1	1					

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Relinquished By:	Date: 4-19-23 Received By	Phone Result:	☐ Yes	□ No	Add'l Phone #:	
< 1) /		Fax Result:	☐ Yes	□ No	Add'l Fax #:	
2 Dodge	Time 3:10 Maltena	REMARKS:				
Relinquished By:	Date: 14-2 Received By:					
Jeraelfona	Time 22 Some ion	es				
Delivered By: (Circle One)	Sample Condition CHECKI					
Sampler - UPS - Bus - Other:	99 #13 Cool Inflat	ais)				

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



April 25, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NHU 33-114 (11/21/2)

Enclosed are the results of analyses for samples received by the laboratory on 04/19/23 8:22.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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,

Celey D. Keene

Lab Director/Quality Manager



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

A .. . l. ... . d D. .. 311

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 94 @ 1' (H231863-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/21/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Analyte  Benzene* Foluene* Ethylbenzene* Fotal Xylenes* Fotal BTEX  Surrogate: 4-Bromofluorobenzene (Pachloride, SM4500Cl-B  Analyte  Chloride TPH 8015M  Analyte  GRO C6-C10* DRO >C10-C28* EXT DRO >C28-C36	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 95 @ 1' (H231863-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/21/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	10.8	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	83.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.4	% 49.1-14	18						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 96 @ 1' (H231863-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/21/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 97 @ 1' (H231863-04)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/21/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	86.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 98 @ 1' (H231863-05)

ma/ka

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/21/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	81.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 99 @ 1' (H231863-06)

ma/ka

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/21/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	76.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey & Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 100 @ 1' (H231863-07)

mg/kg

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.85	92.5	2.00	0.274	
Toluene*	<0.050	0.050	04/21/2023	ND	1.92	96.2	2.00	2.14	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.10	105	2.00	1.99	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.42	107	6.00	2.78	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	75.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.2	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 101 @ 1' (H231863-08)

mg/kg

BTEX 8021B

DILX GOZID	ıııg,	ng .	Andryzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	71.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.0	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 102 @ 1' (H231863-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	72.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.6	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 103 @ 1' (H231863-10)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	67.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.2	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 104 @ 1' (H231863-11)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	82.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.4	% 49.1-14	8						

Cardinal Laboratories \*=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: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 105 @ 1' (H231863-12)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	76.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.4	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 106 @ 1' (H231863-13)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	87.3 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.5 9	% 49.1 <b>-</b> 14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 107 @ 1' (H231863-14)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 108 @ 1' (H231863-15)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	11.3	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	85.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 109 @ 1' (H231863-16)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.0	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 110 @ 1' (H231863-17)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	217	109	200	1.57	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	212	106	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.8	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 111 @ 1' (H231863-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	212	106	200	2.25	QM-07
DRO >C10-C28*	16.9	10.0	04/20/2023	ND	209	105	200	1.21	QM-07
EXT DRO >C28-C36	13.6	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	71.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.6	% 49.1-14	8						

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# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 112 @ 1' (H231863-19)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	212	106	200	2.25	
DRO >C10-C28*	10.2	10.0	04/20/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	71.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.6	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 113 @ 1' (H231863-20)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	212	106	200	2.25	
DRO >C10-C28*	<10.0	10.0	04/20/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	68.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.1	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 114 @ 1' (H231863-21)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	212	106	200	2.25	
DRO >C10-C28*	22.2	10.0	04/20/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	21.6	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	72.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.3	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 115 @ 1' (H231863-22)

mg/kg

BTEX 8021B

	9	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	212	106	200	2.25	
DRO >C10-C28*	<10.0	10.0	04/20/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	58.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 116 @ 1' (H231863-23)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	212	106	200	2.25	
DRO >C10-C28*	<10.0	10.0	04/20/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	62.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	61.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 117 @ 1' (H231863-24)

mg/kg

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	212	106	200	2.25	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	72.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.2	% 49.1-14	8						

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Celey D. Keine



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 118 @ 1' (H231863-25)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	212	106	200	2.25	
DRO >C10-C28*	10.3	10.0	04/20/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	10.8	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	61.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 119 @ 1' (H231863-26)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	212	106	200	2.25	
DRO >C10-C28*	16.5	10.0	04/20/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	14.7	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	76.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.9	% 49.1-14	18						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 120 @ 1' (H231863-27)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.98	99.1	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	1.38	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.24	112	2.00	0.449	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.90	115	6.00	0.903	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	212	106	200	2.25	
DRO >C10-C28*	16.3	10.0	04/20/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	13.6	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	72.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.1	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 121 @ 1' (H231863-28)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	212	106	200	2.25	
DRO >C10-C28*	17.1	10.0	04/20/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	14.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	80.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.1	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 122 @ 1' (H231863-29)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	3.77	QR-03
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	212	106	200	2.25	
DRO >C10-C28*	19.0	10.0	04/20/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	17.8	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	75.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 123 @ 1' (H231863-30)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	212	106	200	2.25	
DRO >C10-C28*	25.9	10.0	04/20/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	14.4	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	69.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 124 @ 1' (H231863-31)

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	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	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	04/20/2023	ND	212	106	200	2.25	
DRO >C10-C28*	28.3	10.0	04/20/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	13.8	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 125 @ 1' (H231863-32)

Analyte	mg/kg		Analyzed By: JH						
	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	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	04/20/2023	ND	212	106	200	2.25	
DRO >C10-C28*	28.5	10.0	04/20/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	14.6	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	74.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.1	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 126 @ 1' (H231863-33)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	212	106	200	2.25	
DRO >C10-C28*	31.2	10.0	04/20/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	16.9	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	65.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.7	% 49.1-14	18						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 127 @ 1' (H231863-34)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	212	106	200	2.25	
DRO >C10-C28*	26.2	10.0	04/20/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	12.8	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	71.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.5	% 49.1-14	8						

Cardinal Laboratories \*=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: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 128 @ 1' (H231863-35)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	212	106	200	2.25	
DRO >C10-C28*	15.0	10.0	04/20/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	73.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.1	% 49.1-14	8						

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### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 129 @ 1' (H231863-36)

BTEX 8021B	mg,	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2023	ND	212	106	200	2.25	
DRO >C10-C28*	<10.0	10.0	04/20/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	04/20/2023	ND					
Surrogate: 1-Chlorooctane	80.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.2	% 49.1-14	8						

Cardinal Laboratories \*=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: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 130 @ 1' (H231863-37)

BTEX 8021B	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	212	106	200	2.25	
DRO >C10-C28*	29.9	10.0	04/21/2023	ND	209	105	200	1.21	
EXT DRO >C28-C36	12.9	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.8	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 131 @ 1' (H231863-38)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	14.6	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	12.9	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.4	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 132 @ 1' (H231863-39)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	16.8	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	13.2	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	18						

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/13/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 133 @ 1' (H231863-40)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	11.6	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	11.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	81.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 134 @ 1' (H231863-41)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	17.3	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	11.8	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	70.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.7	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 135 @ 1' (H231863-42)

ma/ka

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	17.8	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	14.2	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	91.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 136 @ 1' (H231863-43)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	14.7	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	11.4	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	85.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 137 @ 1' (H231863-44)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	16.9	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	15.2	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.7	% 49.1-14	8						

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### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 138 @ 1' (H231863-45)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	19.2	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	16.5	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 139 @ 1' (H231863-46)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	11.2	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	10.6	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 140 @ 1' (H231863-47)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.01	100	2.00	1.16	
Toluene*	<0.050	0.050	04/21/2023	ND	2.08	104	2.00	0.862	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	108	2.00	1.05	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.47	108	6.00	0.910	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	11.5	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	11.3	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	72.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.2	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 141 @ 1' (H231863-48)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	11.5	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	12.1	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	92.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

Cardinal Laboratories \*=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: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 142 @ 1' (H231863-49)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	16.8	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	14.3	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	95.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 143 @ 1' (H231863-50)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	11.8	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 144 @ 1' (H231863-51)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	14.2	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	14.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	98.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

Cardinal Laboratories \*=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: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 145 @ 1' (H231863-52)

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	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	12.0	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	10.1	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49 1-14	8						

107 % Surrogate: 1-Chlorooctadecane 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: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 146 @ 1' (H231863-53)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	12.5	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

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# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 147 @ 1' (H231863-54)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	13.1	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	11.7	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	74.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.1	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 148 @ 1' (H231863-55)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	17.3	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	12.4	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 149 @ 1' (H231863-56)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	10.9	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	69.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.0	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 150 @ 1' (H231863-57)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	97.0	200	3.80	
DRO >C10-C28*	12.1	10.0	04/21/2023	ND	199	99.5	200	0.746	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	73.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 151 @ 1' (H231863-58)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	13.6	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 152 @ 1' (H231863-59)

mg/kg

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	98.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

Cardinal Laboratories \*=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: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 153 @ 1' (H231863-60)

mg/kg

BTEX 8021B

DIEX GOZID	1119/	- Kg	Allulyzo	.u by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13-	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.2	% 49.1-14	8						

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### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 154 @ 1' (H231863-61)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

Cardinal Laboratories \*=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: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 155 @ 1' (H231863-62)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	< 0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	72.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.3	% 49.1-14	8						

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### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 156 @ 1' (H231863-63)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	74.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.1	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 157 @ 1' (H231863-64)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 158 @ 1' (H231863-65)

mg/kg

BTEX 8021B

	9,	9	7	1 1 ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.2	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

### Sample ID: BOTTOM SAMPLE 159 @ 1' (H231863-66)

mg/kg

BTEX 8021B

DIEX OUZID	ıııg,	K9	Allulyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keene



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 160 @ 1' (H231863-67)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.05	103	2.00	1.30	
Toluene*	<0.050	0.050	04/21/2023	ND	2.19	109	2.00	1.39	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.18	109	2.00	1.56	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.78	113	6.00	0.912	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	69.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.4	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 161 @ 1' (H231863-68)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 162 @ 1' (H231863-69)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	75.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.8	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 163 @ 1' (H231863-70)

BTEX 8021B	mg/	kg	Analyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	62.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.6	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 164 @ 1' (H231863-71)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	74.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 165 @ 1' (H231863-72)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	73.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.0	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 166 @ 1' (H231863-73)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	79.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 167 @ 1' (H231863-74)

mg/kg

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 168 @ 1' (H231863-75)

mg/kg

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	90.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 169 @ 1' (H231863-76)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	88.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 170 @ 1' (H231863-77)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	7.78	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	82.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.3	% 49.1-14	18						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 171 @ 1' (H231863-78)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	74.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 172 @ 1' (H231863-79)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	13.0	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	80.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

Cardinal Laboratories \*=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: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 173 @ 1' (H231863-80)

ma/ka

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	76.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.1	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 174 @ 1' (H231863-81)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150 0.150 04		ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	78.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 175 @ 1' (H231863-82)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150 0.150 04		ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	:0.300 0.300 0-		ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	72.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 176 @ 1' (H231863-83)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	tal Xylenes* <0.150 0.15		04/21/2023	ND	6.05	101	6.00	3.09	
Total BTEX	•		04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	14.2	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	72.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.5	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 177 @ 1' (H231863-84)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150	04/21/2023	21/2023 ND		101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	79.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 5	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 178 @ 1' (H231863-85)

mg/kg

BTEX 8021B

51EX 0021B	ıııg,	ng .	Allulyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	04/24/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/24/2023	ND					
Surrogate: 1-Chlorooctane	78.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 179 @ 1' (H231863-86)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135 9	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 180 @ 1' (H231863-87)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.77	88.6	2.00	0.257	
Toluene*	<0.050	0.050	04/21/2023	ND	1.87	93.7	2.00	2.49	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	1.96	98.1	2.00	0.916	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.05	101	6.00	3.09	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	96.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 181 @ 1' (H231863-88)

mg/kg

BTEX 8021B

	9/	9	7111411720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	0.300 04/21/2023						
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	90.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 182 @ 1' (H231863-89)

mg/kg

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	0.300 04/21/2023						
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	93.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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Celey D. Keine



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/2) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 183 @ 1' (H231863-90)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023 ND		1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	/21/2023 ND		9 105 2.00		8.49	
Total Xylenes*	<0.150	0.150 0.150 04		ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	14.3	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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Celey D. Keene



#### **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.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

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Page 93 of 101

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Nan	(505) 393-2326 FAX (505) 393-2 ne: BBC International, Inc.					_				0111 -											
Project Manag	ger: Cliff Brunson							P.0		BILL TO	,	-	_	_	-	ANA	LYSIS	S REC	QUEST		
Address: P.C	O. Box 805						-	-		-24		-									
City: Hobbs	State: NM	7	in.	88	2/1			Company: Oxy													
Phone #: 575	5-397-6388 Fax #: 57							Attn:													1
Project #:	Project Own				1			Address:				1									1
	NHU 33-114 (11/21/22)	er: V	JAY				-1	City:				1					1 1				
	on: New Mexico		-				-1	Stat	e:	Zip:											
Sampler Name							_	Pho	ne #:			١.									1
FOR LAB USE ONLY	- CIWICIN	_	_	_			_	Fax	_			10	3	1							1
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Lab I.D.	Sample I.D.	3)RAB OR (C)ON	CONTAINERS	GROUNDWATER	WASTEWATER	-	UDGE	INEK :	ICE / COOL			Malas	ントトン	7770	1						
/	BOTTOM SAMPLE 94 @1'	C	1	0	5 0	10	S	PA	0					1	1						
2	BOTTOM SMAPLE 95 @1'	ľř	Ħ		1		+	1	í	4/13/23	11:19AM		1	1							
3	BOTTOM SAMPLE 96 @1'	11	11	1		Н	+	1	1	4/13/23	11:27AM 11:35AM	1	1	1							
4	BOTTOM SAMPLE 97 @1'	Ш	II.					1		4/13/23	11:44AM	-	1	1							
5	BOTTOM SAMPLE 98 @1'	П	1				1	1		4/13/23	11:52AM	~	1	1	-	1 1					
6	BOTTOM SAMPLE 99 @1'	П	1				+	1	1	4/13/23	12:00PM	-	~	1	-	$\perp$					
7	BOTTOM SAMPLE 100 @1'	П				$\Box$		1		4/13/23	12:10PM	~	-	1	-		_				
8	BOTTOM SAMPLE 101 @1'							1		4/13/23	12:17PM	-	1	1	-		-				
9	BOTTOM SAMPLE 102 @1'							1		4/13/23	12:25PM	-	-	1	-		-				
10	BOTTOM SAMPLE 103 @1' d Damages Cardina's liability and client's exclusive remarks for a						+			4/13/23	12:34PM	-	1	1	-						

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 consequental 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 in

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# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manag	me: BBC International, Inc.							B	ILL TO						MALV	ele p	FOLIE	-	
	ger: Cliff Brunson						P.O. #:				T		1	Τí	MALI	313 K	EQUES	)	-
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City: Hobbs	State; IVIVI	Z	ip:	88241			Attn:	,	J.,		1						1 1		
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Sampler Name	SIMON						ax #:	#:			١,						1 1		
FOR LAB USE ONLY		T	T		MATRIX		PRE	SERV	SAMPL	ING	0	3	L						
Lab I.D. 4231863	Sample I.D.  BOTTOM SAMPLE 104 @1'	(G)RAB OR (C)O	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE OTHER	ACID/BASE:	OTHER:	DATE	TIME	Chlass	RIFX	TPHE						
17	BOTTOM SMAPLE 105 @1'	14	1		V	-	1		4/13/23	12:40PM	1	1	1						
13	BOTTOM SAMPLE 106 @1'	Н	11				$\square$		4/13/23	12:47PM	1	1	1						
14	BOTTOM SAMPLE 107 @1'	П		99	1		Ш		4/13/23	12:55PM	1	1	1						
15	BOTTOM SAMPLE 108 @1'	H	Н			+		-	4/13/23	1:03PM	1	1	1						
16	BOTTOM SAMPLE 109 @1'	H	Н		1	+		1	4/13/23	1:11PM	1	1	1						
17	BOTTOM SAMPLE 110 @1'	Н	H		1	+				1:20PM	1	1	1						
18	BOTTOM SAMPLE 111 @1'		H	+		+	$\mathbb{H}$			1:27PM	1	1	1						
	BOTTOM SAMPLE 112 @1'	+				+		_		1:35PM	1	1	1						
20	BOTTOM SAMPLE 113 @1'	+	Н			+		-		1:43PM	1	V	1						
ASE NOTE: Liability and	d Damages. Cardinal's liability and client's exclusive remedy for an g those for negligence and any other cause whatsoever shall be di	y claim	arisin	t whather he	end in cont					1:54PM by the client for t	1	1	1						

tal or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.

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## ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Nan	ne: BBC International, Inc.							R	ILL TO			_		-		- \ \				
Project Manag	ger: Cliff Brunson						P.O. #		ILL /C		_		_	_ A	NALY	SIS R	EQUE	ST		
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TON CHE USE DNLY		1.			MATR	IX	PRI	ESERV	SAMP	LING	1	3	1							
Lab I.D. 4231863	Sample I.D.	(G)RAB OR (C)ON	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME	Oblan	RIEX	TPHEX							
21	BOTTOM SAMPLE 114 @1'	Ģ	N		V			V	4/13/23	2:02PM	1	1	1			_	1	-	+	+
	BOTTOM SMAPLE 115 @1'	Ш							4/13/23	2:12PM	1	1	1		+	1	+	-	-	+
23	BOTTOM SAMPLE 116 @1'	и	1)						4/13/23	2:21PM	1	1	1		+			-	+	+
	BOTTOM SAMPLE 117 @1'	Н			1				4/13/23	2:30PM	1	1	1							
25	BOTTOM SAMPLE 118 @1'	11							4/13/23	2:37PM	1	1	1		1	1		_	-	+
24	BOTTOM SAMPLE 119 @1'	П							4/13/23	2:44PM	1	1	1							+
20	BOTTOM SAMPLE 120 @1'		Ш						4/13/23	2:53PM	1	1	1					-		+
20	BOTTOM SAMPLE 121 @1'		Ш						4/13/23	3:02PM	1	,	1			-		-	+	1
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( )//	BOLLOM SAMPLE 400 O4								4/13/23	3:19PM										1

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 affiliates or successors arising out of or related to the performance of services becaused by Cardinal within 30 days after completion of the applicable affiliates or successors arising out of or related to the performance of services becaused by Cardinal within 30 days after completion of the applicable affiliates or successors arising out of or related to the performance of services becaused by Cardinal within 30 days after completion of the applicable affiliates or successors arising out of or related to the performance of services becaused by Cardinal within 30 days after completion of the applicable affiliates or successors arising out of or related to the performance of services becaused by Cardinal within 30 days after completion of the applicable affiliates.

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Page 96 of 101

## ARDINAL LAB

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

Company Name: RRC International Laboratoria

BBC international, Inc.		BILL TO				ANALVO	0.050		
		P.O. #:			T	ANALYSI	S REQUI	ST	
O. Box 805		Company: Ovy							
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5-397-6388 Fax #: 57		. 7 . 11							
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NHU 33-114 (11/21/22)		A second			1 1	1 1			1 1
on: New Mexico					1 1				1 1
SIMON		101000000000000000000000000000000000000							
Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER NASTEWATER SOIL XIALDIGE	PRESERV. SAMPI		Chancole	PHEXT				
BOTTOM SAMPLE 124 @1'	GIV			/ /					
BOTTOM SMAPLE 125 @1'	YN			/ /	1				
BOTTOM SAMPLE 126 @1'					V				
BOTTOM SAMPLE 127 @1'		4/13/23	4:00PM		1				
BOTTOM SAMPLE 128 @1'		4/13/23	4:10PM	, ,	1				
BOTTOM SAMPLE 129 @1'		4/13/23	4:19PM	, ,			-		-
BOTTOM SAMPLE 130 @1'		4/13/23	4:26PM		,				
BOTTOM SAMPLE 131 @1'		4/13/23	4:33PM	1 1					-
		4/13/23	4:40PM	11	1				
d Damages. Cardinal's trability and client's exclusive remedy for		4/13/23	4:47PM	11	1				-
g those for negligence and any other cause whatsoever shall be	deemed waived unless made in writing and without limitation, business interruptions, to ardinal regardless of whether such claim is Received By:	pase of use, or just of profits incurred by or based upon sky of the above stated real profits incurred by or based upon sky of the above stated real profits incurred by or chief the control of the chief th	ient, its subsidiaries, sons or otherwise.	: 🗆 Yes					
	State: NM Do Box 805  State: NM Do Box 805  State: NM Do Box 805  Fax #: 57  Project Own NHU 33-114 (11/21/22)  Don: New Mexico SIMON  Sample I.D.  BOTTOM SAMPLE 124 @ 1' BOTTOM SAMPLE 125 @ 1' BOTTOM SAMPLE 126 @ 1' BOTTOM SAMPLE 128 @ 1' BOTTOM SAMPLE 129 @ 1' BOTTOM SAMPLE 129 @ 1' BOTTOM SAMPLE 130 @ 1' BOTTOM SAMPLE 131 @ 1' BOTTOM SAMPLE 131 @ 1' BOTTOM SAMPLE 132 @ 1' BOTTOM SAMPLE 133 @ 1' BOTTOM SAMPLE 134 @ 1'	Sample I.D.  Sample I.D.  Sample I.D.  BOTTOM SAMPLE 124 @1' BOTTOM SAMPLE 125 @1' BOTTOM SAMPLE 128 @1' BOTTOM SAMPLE 129 @1' BOTTOM SAMPLE 130 @1' BOTTOM SAMPLE 130 @1' BOTTOM SAMPLE 132 @1' BOTTOM SAMPLE 132 @1' BOTTOM SAMPLE 133 @1' BOTTOM SAMPLE 134 @1' BOTTOM SAMPLE 135 @1' BOTTOM SAMPLE 135 @1' BOTTOM SAMPLE 130 @1' BOTTO	State: NM Zip: 88241 Attn:  State: NM Zip: 88241 Attn:  S-397-6388 Fax #: 575-397-0397 Address:  Project Owner: Oxy  NHU 33-114 (11/21/22) State: Zip:  On: New Mexico  SIMON  Sample I.D.  Coog Intact  (Initials)  (Initials)  (Initials)	Sample I.D.  Sampl	P.O. #: Cliff Brunson	P.O. #:   Company: Oxy	ANALYSI D. Box 805 D. Box 805 Company: Oxy State: NM Zip: 88241 Attn: Address: Project Owner: Oxy City: NHU 33-114 (11/21/22) Din: New Mexico SIMON  Sample I.D.  MATRIX PRESERV SAMPLING  MATRIX PRESERV SAMPLING  BOTTOM SAMPLE 124 @ 1' BOTTOM SAMPLE 125 @ 1' BOTTOM SAMPLE 126 @ 1' BOTTOM SAMPLE 127 @ 1' BOTTOM SAMPLE 129 @ 1' BOTTOM SAMPLE 129 @ 1' BOTTOM SAMPLE 129 @ 1' BOTTOM SAMPLE 131 @ 1' BOTTOM SAMPLE 131 @ 1' BOTTOM SAMPLE 131 @ 1' BOTTOM SAMPLE 133 @ 1' BOTTOM SAMPLE 134 @ 1' BOTTOM SAMPLE 135 @ 1' BOTTOM SAMPLE 135 @ 1' BOTTOM SAMPLE 130	ANALYSIS REQUI  D. Box 805  State: NM zip: 88241  Attn:  S-397-6388  Fax #: 575-397-0397  Address:  Project Owner: Oxy  City:  State: zip:  Phone #:  Fax #:  SIMON  Sample I.D.  BOTTOM SAMPLE 124 @1'  BOTTOM SAMPLE 125 @1'  BOTTOM SAMPLE 126 @1'  BOTTOM SAMPLE 126 @1'  BOTTOM SAMPLE 129 @1'  BOTTOM SAMPLE 129 @1'  BOTTOM SAMPLE 129 @1'  BOTTOM SAMPLE 129 @1'  BOTTOM SAMPLE 130 @1'  BOTTOM SAMPLE 130 @1'  BOTTOM SAMPLE 130 @1'  BOTTOM SAMPLE 130 @1'  BOTTOM SAMPLE 33 @1'  BOTTOM SAMPLE 34 @1'  BOTTOM S	P.O. #:   Company: Oxy

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

### ARDINAL LABORATORIES

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

Project Me	e: BBC International, Inc.									B	ILL TO	)					ΑΝΔ	LYSI	S RE	OUE	СТ		_	_
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roject Locatio	n: New Mexico							1	one	4.	Zip.		1											ı
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Lab I.D. H231863	Sample I.D.	(G)RAB OR (C)OME	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME	Chloring	KEEX	TUTE	1								
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	BOTTOM SAMPLE 136 @1'	Ш	Ш								4/14/23	7:31AM	1	1	1						-	-	-	
	BOTTOM SAMPLE 137 @1'	11	Ш								4/14/23	7:41AM	1	1	1									
	BOTTOM SAMPLE 138 @1'	11	Ш								4/14/23	7:50AM	1	1	1						-	+	-	-
	BOTTOM SAMPLE 139 @1'		Ш								4/14/23	7:58AM	1	1	1							-		-
	BOTTOM SAMPLE 140 @1'	11	Ш								4/14/23	8:10AM	1	1	1						-	-	+	-
	BOTTOM SAMPLE 141 @1'	11	Ш	1				1			4/14/23	8:17AM	1	1	1						1	-	-	-
-	BOTTOM SAMPLE 142 @1'	Н	1								4/14/23	8:26AM	1	1	1						$\rightarrow$		+	-
EASE NOTE: Liability and	BOTTOM SAMPLE 143 @1'	H	ш					- 1	- 11		4/14/23	8:33AM						-	-	-	-	_	-	

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† Cardinal cannot accept verbal of	changes. Please fax written changes to 505 202 2470				

## ARDINAL LABORATORIES

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Nam	e: BBC International, Inc.							B	ILL TO					ANA	ALYSIS	S REC	UEST			_
	er: Cliff Brunson						P.O. i	#:			T	T	Т	1	T	I	OLUI			
Address: P.O	. Box 805						Comp	pany:	Oxy		7			1 1						
City: Hobbs	State: NM	Zi	p:	8824	1		Attn:				1	1								
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Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME	Chlons	BTEX	XHOLL							
	BOTTOM SAMPLE 144 @1'	16	1		1			1	4/14/23	8:40AM	1	1	1			$\rightarrow$	_			
	BOTTOM SMAPLE 145 @1'	П	Ц						4/14/23	8:57AM	1	1	1							
	BOTTOM SAMPLE 146 @1'	Ш	1)						4/14/23	9:00AM	1	1	0							_
	BOTTOM SAMPLE 147 @1'	Ш	11						4/14/23	9:09AM	1	1	1				-			
	BOTTOM SAMPLE 148 @1'	П	Ш						4/14/23	9:16AM	1	1	,				-	1	-	
	BOTTOM SAMPLE 149 @1'	Ш	Ш						4/14/23	9:24AM	1	1	,				_	1		
57	BOTTOM SAMPLE 150 @1'	П	Ш						4/14/23	9:33AM	1	1	,			-	-	+	-	
58	BOTTOM SAMPLE 151 @1'	Ш							4/14/23	9:40AM	1	1	1							
	BOTTOM SAMPLE 152 @1'								4/14/23	9:47AM	1	1	1			-	-	+	-	
60	BOTTOM SAMPLE 153 @1'				4	ontract or t			4/14/23	9:57AM	1				-	-	-	1	_	

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 applicabilities or successors arising out of or related to the amount paid by the client for the service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

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† Cardinal cannot accept workel o	THE INC	1				

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

ANALYSIS REQUEST

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

BILL TO

101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476 Company Name: BBC International, Inc.

	er: Cliff Brunson							P.O.	#:					T			1	1		XOL.	-		_
Address: P.C	). Box 805						1	Com	pany.	Oxy		1											
City: Hobbs	State: NM	Zij	p:	882	41			Attn:		Uny		1											
Phone #: 575-	207 2222			397					ess:			1											
Project #:	Project Owne	_	-					city:	000.			1		1								1	
Project Name:	NHU 33-114 (11/21/22)							state		Zip:		1										1	
Project Locatio	n: New Mexico								e #:	ZIP:		1											
Sampler Name:	SIMON							ax #				1 3				- 1							
FOR LAB USE ONLY		П	Г	Т	MA	TRIX	_	_	RESER	V. SAMPI	LING	1		L									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE OTHER:	ACID/BASE:	ICE / COOL	DATE	TIME	Chlani	RTEX	1	LHEV								
Cel	BOTTOM SAMPLE 154 @1'	G	1		~				1	4/14/23	10:06AM	1	1	1	/	_	+	+	+	$\rightarrow$			$\vdash$
62	BOTTOM SMAPLE 155 @1'		1							4/14/23	10:14AM	1	1		,		+	+	+	-	-1		-
63	BOTTOM SAMPLE 156 @1'	Ш								4/14/23	10:22AM	1	1			+	+		+	-	-		1
64	BOTTOM SAMPLE 157 @1'	Ш	Ш					L		4/14/23	10:33AM	1	1										
	BOTTOM SAMPLE 158 @1'	Ш	П							4/14/23	10:40AM	1	1				1		+	+	- 1		$\vdash$
	BOTTOM SAMPLE 159 @1'	П								4/14/23	10:47AM	,	1	1						+			
	BOTTOM SAMPLE 160 @1'	Н	Н							4/14/23	10:56AM	1	1	1						1			-
	BOTTOM SAMPLE 161 @1'	Н	Н							4/14/23	11:08AM	1	1	1	u.				1	1			
1	BOTTOM SAMPLE 162 @1'	Н	Н		-					4/14/23	11:16AM	1	0	1									
LEASE NOTE: Liability and	BOTTOM SAMPLE 163 @1'  It Damages. Cardinar's liability and client's exclusive remedy for an	Claim		n whath						4/14/23	11:23AM	1	1	1									
alyses. All claims including rvice in no event shall Car	g those for negligence and any other cause whatsbever shall be de rdinal be liable for incidental or consequental damages, including v	emed (	WHILE	4 contage	made in .	and the last	mend back of	rt, shall lived by			d by the client for completion of the	the e applicab	le										_
lelinquished By	g out of or related to the performance of services becounder by Ca-	dinal, r	egard	less of w	whether su	ruption ich cla	im is bas	ed upo	n any of t	rofits incurred by one above stated rea	lient, its subsidian asons or otherwise	ies,											
5	Time 8: 0 47	Nec	EIV	Is	10	20	1	2	w	-	Phone Res Fax Result REMARKS	:	☐ Yes		□ No		Phone Fax #:						
Delivered By:	(Circle One)	Rec	eive	Sar	mple Col In	tact	es	le		ED BY:	7												

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Released to Imaging: 12/4/2023 9:21:29 AM

## RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Project Manag	ne: BBC International, Inc.									BILL TO	,				Δ	NALYS	IS D	FOLIE	СТ		
	er: Cliff Brunson							P.O.	#:			T	T	T	T	1	13 1		-31		
Address: P.C								Com	pany	Oxy		1									- 1
City: Hobbs	State: NM	Z	p:	88	241			Attn				1									
Phone #: 575	-397-6388 Fax #: 57	5-3	97-	039	7			Addi	ress:			1			1 1						- 1
Project #:	Project Own	er: (	Эху					City:				1			1 1		1				
Project Name:	NHU 33-114 (11/21/22)							State		Zip:		1									
roject Locatio	on: New Mexico							Phon		Zip.		1	4		1 1					- 1	
Sampler Name:	SIMON							Fax #				1	Z		1 1		1	1			
FOR LAB USE ONLY		Т	Т	T	N	MATR			RESER	V. SAMP	ING	4 3	9	L							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	CONTAINERS	GROUNDWATER	/ASTEWATER	OIL	SLUDGE	CID/BASE:	ICE / COOL			O h los	X	2110	N Au						
71	BOTTOM SAMPLE 164 @1'	C.	#	9	> 0	0	S	) A	1	4/14/23	TIME	-	1	1							
71	BOTTOM SMAPLE 165 @1'	1	'n			٢	+	+	1	4/14/23	11:30AM 11:39AM		1	1							
73	BOTTOM SAMPLE 166 @1'	Ħ	$\mathbf{H}$				+	+	1	4/14/23			1	1							
74	BOTTOM SAMPLE 167 @1'	П	Ш				-	1		4/14/23	11:47AM 11:55AM	1	1	1	1						
75	BOTTOM SAMPLE 168 @1'	11						Н		4/14/23	12:04PM	1	1	1		-					
	BOTTOM SAMPLE 169 @1'	$\mathbf{I}$						t		4/14/23	12:12PM	1	1	1	-						
77	BOTTOM SAMPLE 170 @1'	П	П							4/14/23	12:20PM	1	1	1		-					
78	BOTTOM SAMPLE 171 @1'									4/14/23	12:29PM	1	1	1		-					
	BOTTOM SAMPLE 172 @1'									4/14/23	12:37PM	1	1	1	-	-					
	DOTTON SAMPLE 1/2 (0)1															1					

Relinquished By:	Date: Received By:	we stated reasons or otherwise.				
= 0 1	Date: A-19-23 Received By	Phone Result:	☐ Yes	□ No	Add'l Phone #:	
B X	Time; man Israeltoni	Fax Result:	☐ Yes		Add'l Fax #:	
- march	6.00 Hoursell	REMARKS:	-		Product of the	
Relinquished By:	Date: Received By:					
(1 1/	41700 11	1/1				
Inaliteur.	Times 877 Mallaka, Mala	KON				
Delivered By: (Circle One)	PHILLIA VALIDA	er				1
The second secon	#//3 Sample Condition CHECKED					
Sampler - UPS - Bus - Other:	2 3 9 Cool Intact (Initials)					
29	7,56 1-9.70 No No V-	-				
† Cardinal cannot accept verbal of	changes. Please fax written changes to 505 200 0.75					

## RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

ompany Name: BBC International, Inc.	BILL	TO		ANALYSIS REQUEST		
oject Manager: Cliff Brunson	P.O. #:	P.O. #:			THE TOTAL REGUEST	
dress: P.O. Box 805	Company: Oxy	Company: Oxy				
y: Hobbs State: NM Zip: 88241	Attn:		1			
one #: 575-397-6388 Fax #: 575-397-0397	Address:		1			
oject #: Project Owner: Oxy	City:					
eject Name: NHU 33-114 (11/21/22)	State: Zip:		1			
ject Location: New Mexico	Phone #:					
npler Name: SIMON	Fax #:		2			
R LAB USE ONLY MATRIX		AMPLING	3	\		
# CONTAINERS  GROUNDWATER  WASTEWATER  SOIL  OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	ATE TIME	Chlore	MEX		
S/ BOTTOM SAMPLE 1/4 @1 C	67 0 4 9 0 4/14		7	1		
82 BOTTOM SMAPLE 175 @1'	4/14	3.00	1 /	1		
83 BOTTOM SAMPLE 176 @1'	4/14	11001 101	V V	1		
84 BOTTOM SAMPLE 177 @1'	4/14	71.161 10	, ,	1		
SS BOTTOM SAMPLE 178 @1'	4/14/		7 7	1		
BOTTOM SAMPLE 179 @1'	4/14/			1		
87 BOTTOM SAMPLE 180 @1'	4/14/	23 1:43PM	, ,	1		
88 BOTTOM SAMPLE 181 @1'	4/14/	23 1:50PM	, ,	1		
89 BOTTOM SAMPLE 182 @1' 90 BOTTOM SAMPLE 183 @1'	4/14/	23 1:56PM	, ,	1		
	4/14/2	23 2:04PM		1		

Relinquished By:	Date:	of wether such claim is based upon any of the above	stated reasons or otherwise				
Relinquished By:  Relinquished By:  Delivered By: (Circle One)  Sampler - UPS - Bus - Other:		nartena	Phone Result: Fax Result: REMARKS:	☐ Yes ☐ Yes	□ No □ No	Add'l Phone #: Add'l Fax #:	
† Cardinal cannot accent	1.00/-7.70	□ No □ No					

nnot accept verbal changes. Please fax written changes to 505-393-2476



April 25, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NHU 33-114 (11/21/22)

Enclosed are the results of analyses for samples received by the laboratory on 04/19/23 8:22.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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,

Celey D. Keene

Lab Director/Quality Manager



Tamara Oldaker

Sample Received By:

#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil
Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact

Project Number: NONE GIVEN
Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 184 @ 1' (H231864-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	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	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	90.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 185 @ 1' (H231864-02)

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	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	432	108	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	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	78.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 186 @ 1' (H231864-03)

BTEX 8021B	mg	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/21/2023	ND	432	108	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	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	33.5	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	76.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 187 @ 1' (H231864-04)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/21/2023	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	43.2	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	11.8	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	68.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

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Celey D. Kreine



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 188 @ 1' (H231864-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/21/2023	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	20.7	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	60.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 189 @ 1' (H231864-06)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/21/2023	ND	432	108	400	7.69	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	26.8	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 190 @ 1' (H231864-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	194	96.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	221	111	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	67.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 191 @ 1' (H231864-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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Celey D. Keine



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 192 @ 1' (H231864-09)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	79.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.6	% 49.1-14	8						

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### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 193 @ 1' (H231864-10)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	76.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.7	% 49.1-14	8						

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### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 194 @ 1' (H231864-11)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	72.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.5	% 49.1-14	8						

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### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 195 @ 1' (H231864-12)

mg/kg

BTEX 8021B

DIEX GOZID	1119/	rkg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	66.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.8	% 49.1-14	8						

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# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 196 @ 1' (H231864-13)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	15.8	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	57.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	60.4	% 49.1-14	8						

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# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 197 @ 1' (H231864-14)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 198 @ 1' (H231864-15)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	69.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 199 @ 1' (H231864-16)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	84.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.2	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/14/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 200 @ 1' (H231864-17)

mg/kg

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.80	90.2	2.00	7.92	
Toluene*	<0.050	0.050	04/21/2023	ND	1.88	94.2	2.00	8.46	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.09	105	2.00	8.49	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.43	107	6.00	10.1	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.4	% 49.1-14	8						

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### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 201 @ 1' (H231864-18)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/21/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/21/2023	ND	432	108	400	7.69	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	78.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.9	% 49.1-14	8						

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### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 202 @ 1' (H231864-19)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/21/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	90.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

Cardinal Laboratories \*=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: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 203 @ 1' (H231864-20)

mg/kg

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/21/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	72.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.6	% 49.1-14	8						

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# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 204 @ 1' (H231864-21)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/21/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: OXY - NEW MEXICO

### Sample ID: BOTTOM SAMPLE 205 @ 1' (H231864-22)

ma/ka

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/21/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	73.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 206 @ 1' (H231864-23)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/21/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 207 @ 1' (H231864-24)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/21/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	20.8	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	15.8	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	86.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.5	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 208 @ 1' (H231864-25)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/21/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	77.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.6	% 49.1-14	8						

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### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 209 @ 1' (H231864-26)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/21/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.3	% 49.1-14	8						

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# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

### Sample ID: BOTTOM SAMPLE 210 @ 1' (H231864-27)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/21/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	213	106	200	5.37	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	204	102	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	86.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.5	% 49.1-14	8						

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### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 211 @ 1' (H231864-28)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/21/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/24/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/24/2023	ND					
Surrogate: 1-Chlorooctane	57.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	59.7	% 49.1-14	8						

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# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 212 @ 1' (H231864-29)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/21/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	15.8	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

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### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 213 @ 1' (H231864-30)

mg/kg

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/21/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	71.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.6	% 49.1-14	8						

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Celey D. Kreine



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023 Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 214 @ 1' (H231864-31)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/22/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	25.9	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	75.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.8	% 49.1-14	8						

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Celey D. Keene



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 215 @ 1' (H231864-32)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	< 0.050	0.050	04/22/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	< 0.050	0.050	04/22/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	78.9 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.2 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 216 @ 1' (H231864-33)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/22/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	15.9	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	80.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 217 @ 1' (H231864-34)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/22/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	72.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.4	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

### Sample ID: BOTTOM SAMPLE 218 @ 1' (H231864-35)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/22/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	14.8	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	85.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.3	% 49.1-14	18						

Surrogate: 1-Chlorooctadecane 89.3 % 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: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 219 @ 1' (H231864-36)

mg/kg

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/22/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.4	% 49.1-14	8						

Cardinal Laboratories \*=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: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

### Sample ID: BOTTOM SAMPLE 220 @ 1' (H231864-37)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.84	92.2	2.00	13.6	
Toluene*	<0.050	0.050	04/22/2023	ND	1.95	97.5	2.00	15.5	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.15	107	2.00	13.5	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.45	107	6.00	12.7	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	77.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.8	% 49.1-14	8						

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# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

### Sample ID: BOTTOM SAMPLE 221 @ 1' (H231864-38)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.4	% 49.1-14	8						

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### Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 222 @ 1' (H231864-39)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.7	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 223 @ 1' (H231864-40)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	74.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 224 @ 1' (H231864-41)

mg/kg

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	64.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	64.6	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 225 @ 1' (H231864-42)

mg/kg

BTEX 8021B

	9/	9	7	7. 5,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	75.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.0	% 49.1-14	8						

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Celey D. Keine



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 226 @ 1' (H231864-43)

mg/kg

BTEX 8021B

	9/	9	7	1 1 ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	79.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.3	% 49.1-14	8						

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# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: Sampling Condition: Cool & Intact NHU 33-114 (11/21/22) Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 227 @ 1' (H231864-44)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	12.4	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	75.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.9	% 49.1-14	8						

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Celeg D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 228 @ 1' (H231864-45)

mg/kg

BTEX 8021B

	9/	9	7	1 1 ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	79.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.9	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 229 @ 1' (H231864-46)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	84.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.5	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 230 @ 1' (H231864-47)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	216	108	200	0.398	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	203	102	200	1.04	
EXT DRO >C28-C36	12.8	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.4	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 231 @ 1' (H231864-48)

mg/kg

BTEX 8021B

DIEX GOZID	11197	ng .	Allulyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	80.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.4	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 232 @ 1' (H231864-49)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	69.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.2	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 233 @ 1' (H231864-50)

mg/kg

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Cardinal Laboratories \*=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: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 234 @ 1' (H231864-51)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	92.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	8						

Cardinal Laboratories \*=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: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 235 @ 1' (H231864-52)

BTEX 8021B	mg,	/kg	Analyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	78.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.3	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 236 @ 1' (H231864-53)

mg/kg

BTEX 8021B

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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	85.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 237 @ 1' (H231864-54)

mg/kg

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 238 @ 1' (H231864-55)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.6	% 49.1-14	8						

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# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 239 @ 1' (H231864-56)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	78.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.5	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 240 @ 1' (H231864-57)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	2.11	106	2.00	3.54	
Toluene*	<0.050	0.050	04/21/2023	ND	2.27	114	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.31	116	2.00	4.69	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	7.18	120	6.00	4.38	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	96.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 241 @ 1' (H231864-58)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	12.1	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	131 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	143 9	% 49.1-14	8						

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 242 @ 1' (H231864-59)

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	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 243 @ 1' (H231864-60)

mg/kg

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.0	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 244 @ 1' (H231864-61)

BTEX 8021B	mg,	'kg	Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.7	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 245 @ 1' (H231864-62)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	99.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 246 @ 1' (H231864-63)

mg/kg

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

Cardinal Laboratories \*=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: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 247 @ 1' (H231864-64)

BTEX 8021B	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.5	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 248 @ 1' (H231864-65)

BTEX 8021B	mg,	'kg	Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	78.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 249 @ 1' (H231864-66)

BTEX 8021B	mg,	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	10.8	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	94.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 250 @ 1' (H231864-67)

BTEX 8021B	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	200	100	200	5.55	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	194	96.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.0	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 251 @ 1' (H231864-68)

BTEX 8021B	mg,	'kg	Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.85	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	211	105	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	65.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.2	% 49.1-14	8						

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Celey D. Keene



# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 252 @ 1' (H231864-69)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.85	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	211	105	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	85.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.5	% 49.1-14	8						

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# Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

# Sample ID: BOTTOM SAMPLE 253 @ 1' (H231864-70)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.85	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	211	105	200	2.94	
EXT DRO >C28-C36	12.3	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: OXY - NEW MEXICO

# Sample ID: BOTTOM SAMPLE 254 @ 1' (H231864-71)

mg/kg

BTEX 8021B

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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.85	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	211	105	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	65.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.9	% 49.1-14	8						

Cardinal Laboratories \*=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: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: BOTTOM SAMPLE 255 @ 1' (H231864-72)

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	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.85	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	211	105	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	69.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.1 9	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 256 @ 1' (H231864-73)

mg/kg

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.85	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	211	105	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	64.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.9	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: OXY - NEW MEXICO

#### Sample ID: BOTTOM SAMPLE 257 @ 1' (H231864-74)

ma/ka

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.85	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	211	105	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.3	% 49.1-14	8						

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Celey & Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 258 @ 1' (H231864-75)

mg/kg

BTEX 8021B

	91	9	7	<u></u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.85	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	211	105	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	62.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: OXY - NEW MEXICO

## Sample ID: BOTTOM SAMPLE 259 @ 1' (H231864-76)

mg/kg

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.85	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	211	105	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	81.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.8	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

#### Sample ID: BOTTOM SAMPLE 260 @ 1' (H231864-77)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2023	ND	1.94	97.2	2.00	4.64	
Toluene*	<0.050	0.050	04/22/2023	ND	2.07	103	2.00	5.41	
Ethylbenzene*	<0.050	0.050	04/22/2023	ND	2.30	115	2.00	5.12	
Total Xylenes*	<0.150	0.150	04/22/2023	ND	6.95	116	6.00	4.78	
Total BTEX	<0.300	0.300	04/22/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.85	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	211	105	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	79.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.3	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: OXY - NEW MEXICO

## Sample ID: SIDEWALL 1 (H231864-78)

BTEX 8021B

	9,	9	7	1					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.91	95.7	2.00	1.48	
Toluene*	<0.050	0.050	04/21/2023	ND	2.07	104	2.00	4.28	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.12	106	2.00	3.82	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.44	107	6.00	3.94	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.85	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	211	105	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	64.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.1	% 49.1-14	8						

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## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: SIDEWALL 2 (H231864-79)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.91	95.7	2.00	1.48	
Toluene*	<0.050	0.050	04/21/2023	ND	2.07	104	2.00	4.28	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.12	106	2.00	3.82	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.44	107	6.00	3.94	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.85	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	211	105	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	75.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.4	% 49.1-14	8						

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Celey D. Keine



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY - NEW MEXICO

## **Sample ID: SIDEWALL 3 (H231864-80)**

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.91	95.7	2.00	1.48	
Toluene*	<0.050	0.050	04/21/2023	ND	2.07	104	2.00	4.28	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.12	106	2.00	3.82	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.44	107	6.00	3.94	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.85	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	211	105	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	77.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.1	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: SIDEWALL 4 (H231864-81)

BTEX 8021B	mg	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.91	95.7	2.00	1.48	
Toluene*	<0.050	0.050	04/21/2023	ND	2.07	104	2.00	4.28	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.12	106	2.00	3.82	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.44	107	6.00	3.94	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.85	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	211	105	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	66.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: OXY - NEW MEXICO

## Sample ID: SIDEWALL 5 (H231864-82)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.91	95.7	2.00	1.48	
Toluene*	<0.050	0.050	04/21/2023	ND	2.07	104	2.00	4.28	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.12	106	2.00	3.82	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.44	107	6.00	3.94	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.85	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	211	105	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.5	% 49.1-14	8						

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Celey & Keene



## Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/19/2023 Sampling Date: 04/17/2023

Reported: 04/25/2023 Sampling Type: Soil

Project Name: NHU 33-114 (11/21/22) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **OXY - NEW MEXICO** 

## Sample ID: SIDEWALL 6 (H231864-83)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.91	95.7	2.00	1.48	
Toluene*	<0.050	0.050	04/21/2023	ND	2.07	104	2.00	4.28	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.12	106	2.00	3.82	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.44	107	6.00	3.94	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/21/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	211	105	200	3.85	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	211	105	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	69.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.7	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



## **Notes and Definitions**

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client is subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

## ARDINAL LABORATORIES

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

Company Nam	ne: BBC International, Inc.							B	ILL TO				_	ΔΝΔΙ	Veie	REQU	ICCT		
Project Manag	er: Cliff Brunson					1	P.O. #:				T			ANA	1313	KEQU	JEST		-
Address: P.C	D. Box 805						Compa	nv:	Oxy		1								
City: Hobbs	State: NM	Zi	p:	8824	11		Attn:	,	O.A.J		1							1 1	
Phone #: 575-							Address				1		1 1			- 1		1 1	
Project #:	Project Own	-	-				City:				1		1 1						
Project Name:	NHU 33-114 (11/21/22)						State:				1	1	1 1						
	on: New Mexico								Zip:		-		1 1						
Sampler Name:							hone #				-	]	h						
FOR LAB USE ONLY		Т	Т		MATE		ax #:	FRV	SAMPL	INC	10	3		- 1 1				1 1	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OME	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	ACID/BASE:	OTHER:	DATE	TIME	Chlori	87FX	TP#E/						
1	BOTTOM SAMPLE 184 @1'	Ġ	n.		Y		L	-	4/14/23	2:14PM	1	1	1				$\top$		_
	BOTTOM SMAPLE 185 @1'	П	11						4/14/23	2:23PM	1	1	1						
	BOTTOM SAMPLE 186 @1'	П	Ш						4/14/23	2:32PM	1	1	0						
T	BOTTOM SAMPLE 187 @1'	H	Ш		-				4/14/23	2:41PM	1	1	1						
3	BOTTOM SAMPLE 188 @1' BOTTOM SAMPLE 189 @1'	H	Ш			1			4/14/23	2:50PM	1	1	1						
	BOTTOM SAMPLE 189 @1'	Н	Ш		-				4/14/23	2:59PM	1	1	1						
	BOTTOM SAMPLE 190 @1'	11	Ш		1	1	$\square$		4/14/23	3:10PM	1	1	1						
	BOTTOM SAMPLE 191 @1'	Н	Ш		-	+-				3:18PM	1	1	1						
10	BOTTOM SAMPLE 192 @1'	11	Ш		+11-	-		_		3:26PM	1	1	1						
LEASE NOTE: Liability and	d Damages. Cardinal's liability and client's exclusive remedy for a	ny dair	1 arisin	g whether	r hasad in a	ontract or to	I I		4/14/23 the amount paid	3:35PM	1	1	1						

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waiver unless made in contract or fort, shall be limited to the amount paid by the client for the service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, guipes of profits incurred by client, its subsidiaries.

Relinquished By:	Date: Received/By:	Phone Result:	D Vac	D.N.	14.4 (19.8)	
< 11 1	4-19-23 Received by.		□ Yes	□ No	Add'l Phone #:	
D / W	Times, not les est person	Fax Result:	☐ Yes	□ No	Add'l Fax #:	
and the same	8:00 MINITEMIL	REMARKS:				
Relinquished By:	Date: Received By:					
11 011	41-19-23 received by.	1. /				
Monthand	Timescano A Mallaka . []	1110				
Serique 1 Soloc	11/1/10/10/10/10/10/10/10/10/10/10/10/10					
Delivered By: (Circle One)	Juniora Weller	Cig				
(oncie one)	Sample Condition CHECKED	BY:				
Sampler - UPS - Bus - Other:	Cool Intact (Initials)					
Camplet - Or 3 - Bus - Other:	_931/_991 PYes PYes					
	1.70 No No					
+ Cardinal cannot accent week-	Laborator Di Control de la Con					

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

# ARDINAL LABORATORIES

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Nam	e: BBC International, Inc.							B	ILL TO						ANAI	YSIS	REC	QUES	T		
	er: Cliff Brunson						P.O. #	:			T		T	T	1	1	I	QUES			_
Address: P.C	D. Box 805						Compa	any:	Oxy		1	1		1							
City: Hobbs	State: NM	Zi	p:	88241			Attn:		,		1	1	1	1							
Phone #: 575	202 200			397			Addres			-	1			1							
Project #:	Project Owner										-		1								
Project Name:	NHU 33-114 (11/21/22)	01.	.,				City:	_			-										
	n: New Mexico						State:		Zip:		-		1.								
Sampler Name							Phone	#:					1	1							
FOR LAB USE ONLY	SIMON	_	_		MATR	_	ax #:				0	)	1	1							
		<u>a</u> .	1		F	TT		SERV	SAMP	LING	7	1.	$\sim$	I		- 1				-1	
Lab I.D. 4231864	Sample I.D.	(G)RAB OR (C)ON	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	ACID/BASE:	CE / COOL	DATE	TIME	Ch Joili	B TY	3 Hd								
	BOTTOM SAMPLE 194 @1'	Q	1		V			V	4/14/23	3:44PM	1	1	1			_	-	-	_	+	+
	BOTTOM SMAPLE 195 @1'	П						1	4/14/23	3:52PM	1	1	1				$\rightarrow$	-	-	_	+
	BOTTOM SAMPLE 196 @1'	П	П						4/14/23	4:00PM	1	1				-	-	-	-	-	+
14	BOTTOM SAMPLE 197 @1'	Ш	Ш		1		ш		4/14/23	4:07PM	1	1	,	-							
15	BOTTOM SAMPLE 198 @1'	П	П						4/14/23	4:16PM	1	,				+	-	-	-	-	+-
14	BOTTOM SAMPLE 199 @1'	П							4/14/23	4:27PM	1.	,			-	-	-	-	-	-	-
17	BOTTOM SAMPLE 200 @1'	П			1				4/14/23	4:35PM	1	1	,		-	-	-	-	-	-	-
			*					1			1	,				+	+	-	-	-	+-
												-			-		-	-	-	_	-
															-	-		-	-		1
LEASE NOTE: Liability an	d Damages. Cardinal's liability and client's exclusive remedy for a giftness for negligence and any other cause substances which have the control of the con	ny clain	arisin	g whether ba	ased in co	entract or to	ort, shall be	e limited t	o the amount pa	id by the client for	r 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 in no event shall Cardinal be liable for incidental or consequental 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 hased upon a soft the above stated contents.

Relinquished By:	Date: Received By:	pove stated reasons or otherwise.				
- 17 -	Date: Received By:	Phone Result:	☐ Yes	□ No	Add'l Phone #:	
2 0 1	Time Conners January	Fax Result:	☐ Yes	□ No	Add'l Fax #:	
The state of the s	"Buellena	REMARKS:			To Find Till Law at	
Relinquished By:	Date; / K > Received By:					
(). ///	4-14-67	11				
Shull Kem	Time 877 \ Mallaka VI da	1/01				
Delivered By: (Circle One)	Juman Macin	LOKE .				
	Sample Condition CHECKET Cool Intact (Initial					
Sampler - UPS - Bus - Other:	Cool Intact (Initial	s) /				
-7	7.00/-9.90   NO NO					
+ Cardinal assessment						

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	ne: BBC International, Inc.						Т		BI	LL TO					ANALY	SIS RE	QUEST		
Project Manag	er: Cliff Brunson						P	0. #:				T				TOIO IXE	T T		
Address: P.C	D. Box 805						c	ompa	nv:	Oxy		1							
city: Hobbs	State: NM	Zi	p:	8824	11			ttn:	,	J.,		1							
Phone #: 575								ddres	s:			1							
Project #:	Project Owne	r: C	ху					ity:				1					1 1		
Project Name:	NHU 33-114 (11/21/22)							ate:		Zip:		1							
Project Location	on: New Mexico							none #		Lip.		1							
Sampler Name	12 12 12 12 12 12 12 12 12 12 12 12 12 1							x #:	,			13				-1			1
FOR LAB USE ONLY		Т	Т		MAT	RIX	1	PRES	SERV.	SAMPL	ING	12		h l					
Lab I.D. H231864	Sample I.D.	(G)RAB OR (C)OM	# CONTAINERS	GROUNDWATER	WASTEWATER	DIL	OTHER:	ACID/BASE:	STHER:	DATE	TIME	Chlora	BTEX	TPHEXI					
18	BOTTOM SAMPLE 201 @ 1'	6	1		V			١,		4/17/23	7:20AM	1	1	1					+
19	BOTTOM SMAPLE 202 @ 1'	IŦ	П							4/17/23	7:30AM	1	1	1					+
20	BOTTOM SAMPLE 203 @ 1'	П	П							4/17/23	7:37AM	1	1						-
21	BOTTOM SAMPLE 204 @ 1'	Ш	1/							4/17/23	7:46AM	1	1	1					11
22	BOTTOM SAMPLE 205 @ 1'	П	П							4/17/23	7:54AM	1	,	,					+
23	BOTTOM SAMPLE 206 @ 1'		Ш							4/17/23	8:02AM	1	,	,					-
	BOTTOM SAMPLE 207 @ 1'	1	П							4/17/23	8:12AM	1	,	,					-
25	BOTTOM SAMPLE 208 @ 1'									4/17/23	8:20AM	1	,	,					+
24	BOTTOM SAMPLE 209 @ 1'									4/17/23	8:29AM	1	,	,					1
77	BOTTOM SAMPLE 210 @ 1'	П	П							4/17/23	8:37AM	1	-	-		-		-	-

analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and received by Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidianes.

Relinquished By:	Date: Received By:	Phone Result:	☐ Yes	□ No	Add'l Phone #:
< //	4462	Fax Result:	☐ Yes		Add'l Fax #:
Bertine	Times Is well some	REMARKS:			
Relinquished By:	Date: Received By:				
1/2. 20 House	4-19-23				
Sept que penn	Time SZZ / //// Orc 1// Alerox				
Delivered By: (Circle One)	14/19 Sample Condition CHECKED BY				
Sampler - UPS - Bus - Other:	Cool Intact (Initials)				
Sampler - OFS - Bus - Other:	7,007,47				
	-9.3c/-9.9c Yes Yes				

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Nam	ne: BBC International, Inc.							E	ILL TO	)					ANALV	ele pr	OUES	-		_
Project Manag	ger: Cliff Brunson						P.O.				1	1		T	ANALYS	JIS KE	QUES			
Address: P.C	LITTLE CAPACITA						Com	pany:	Oxy		1	1								
city: Hobbs	State: NM	Zi	p:	8824	1		Attn		Ony		1			1			1 1			
Phone #: 575	-397-6388 Fax #: 57							ess:			1									
Project #:	Project Own	er: C	ху				City:				1									
Project Name:	NHU 33-114 (11/21/22)						State		71		1		1						1 1	
Project Location	on: New Mexico							ie #:	Zip:		1	1							1 1	
Sampler Name							ax #				1	1								
FOR LAB USE ONLY	11-	Т	Т		MATR	_	_	RESER	/ SAMP	ING	۱.	1	l						1 1	
Lab I.D. 423/864 28 29	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	ACID/BASE:	ICE / COOL	DATE	TIME	Chlound	RTEX	TOH EXT							
28	BOTTOM SAMPLE 211 @ 1'	C	ı		V			1	4/17/23	8:45AM	1	1	/			+		_	$\vdash$	_
29	BOTTOM SMAPLE 212 @ 1'	Ιĩ	li				1	1	4/17/23	8:55AM	1	1	1			-	-	-		
30	BOTTOM SAMPLE 213 @ 1'	П	П						4/17/23	9:04AM	1	1	1					-		
	BOTTOM SAMPLE 214 @ 1'	П	Ш				L		4/17/23	9:12AM	15	1	,				-	11-1		
3Z 33	BOTTOM SAMPLE 215 @ 1'	П	11						4/17/23	9:21AM	1	,			-		-	-	$\vdash$	
	BOTTOM SAMPLE 216 @ 1'	Ш							4/17/23	9:32AM	ľ.	,			-		-	-		
	BOTTOM SAMPLE 217 @ 1'								4/17/23	9:40AM	1	,	,				-	-		
35	BOTTOM SAMPLE 218 @ 1'								4/17/23	9:47AM	1		,		-		-	-		
	BOTTOM SAMPLE 219 @ 1'						1		4/17/23	9:55AM	1	,			-		-			_
37	BOTTOM SAMPLE 220 @ 1'						1		4/17/23	10:03AM	-		-	_						

malytes. 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.

Environ no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business internutions, loss of the applicable.

Phone Result: Fax Result: REMARKS:	□ Yes	□ No	Add'l Phone #: Add'l Fax #:	
REMARKS:				
2				
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<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

# RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Nam	e: BBC International, Inc.								BI	LL TO						ΔΝΑ	LYS	IS P	EOU	EST			_
Project Manag	er: Cliff Brunson						P.0	D. #:				T	Т	T	T	T	T	13 K	EQU	E31	1		_
Address: P.C	). Box 805						Co	mpa	ny:	Oxy		1		1			1						
city: Hobbs	State: NM	Zi	p:	882	41		Att		.,	- Jan		1										1	
Phone #: 575	-397-6388 Fax #: 57	5-39	7-0	397	7			dres	s:			1						1	1	1			
Project #:	Project Owner	r: O	ху				Cit					1		1						1			
Project Name:	NHU 33-114 (11/21/22)						Sta	-		Zip:		1			1			1		1			
Project Location	n: New Mexico							one #	ž-	Lip.		1	1	1	1	1	١.						
Sampler Name:	SIMON						Fax					0				1							
FOR LAB USE ONLY		T.	Т		MAT	RIX	_	PRES	SERV.	SAMPI	ING	1%	8	li .	1		1	1	1				
Lab I.D. 4231864	Sample I.D.  BOTTOM SAMPLE 221 @ 1' BOTTOM SMAPLE 222 @ 1'	(G)RAB OR (C)OM	# CONTAINERS	SROUNDWATER	WASTEWATER SOIL	SLUDGE	OTHER:	ACID/BASE:	THER:	DATE	TIME	Chlori	RIEX	TPHEXI									
38	BOTTOM SAMPLE 221 @ 1'	G	1		-	- "	Ĭ	L	1	4/17/23	10:12AM	1	1	1		_	_	-	+	+	-		$\vdash$
39	BOTTOM SMAPLE 222 @ 1'	Ī	1							4/17/23	10:20AM		1	1			-	-	-	-			
	BOTTOM SAMPLE 223 @ 1'	П						1		4/17/23	10:28AM		1	,			-	-	-		1		
	BOTTOM SAMPLE 224 @ 1'	П	Ш				- 1	1	П	4/17/23	10:37AM	1	1	,			1 100				- 1		
	BOTTOM SAMPLE 225 @ 1'									4/17/23	10:45AM	1	1	,					1	-			
43	BOTTOM SAMPLE 226 @ 1'		Ш							4/17/23	10:54AM	1	1	,					-	-			
44	BOTTOM SAMPLE 227 @ 1'									4/17/23	11:03AM	,	1	,					-				
	BOTTOM SAMPLE 228 @ 1'									4/17/23	11:12AM	,	,	,					-				
46	BOTTOM SAMPLE 229 @ 1'						1			4/17/23	11:22AM	,	,	,									
47	BOTTOM SAMPLE 230 @ 1' of Damages. Cardinal's liability and client's exclusive remedy for a				1					4/17/23	11:30AM	,	,	,						-			

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 activates the case to the state of the state 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

Relinquished By:	Date: Received By:	Phone Result:	☐ Yes	□ No	Add'l Phone #:	
2 1) 8	Time: December 1.	Fax Result:	☐ Yes	□ No	Add'l Fax #:	
	"our Imaltone	REMARKS:				
Relinquished By:	Date; Received By:	11				
Che 101 Hours	Time C-3 Mariaka III day	Van				
Somali penn	110872 - MUMBER OF 1919	2				
Delivered By: (Circle One)	#1/2 Sample Condition CHECKET	) RY-				
Sampler - UPS - Bus - Other:	Cool Intact (Initial					
Cumplet - OFS - Bus - Other:	9.501-9.9c Tres Tyes					
† Cardinal cannot accont workel	changes Please fax written changes to SOE 202 2476					

## RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

BOTTOM SAMPLE 238 @ 1'

BOTTOM SAMPLE 239 @ 1'

BOTTOM SAMPLE 240 @ 1'

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476 Company Name: BBC International, Inc. BILL TO ANALYSIS REQUEST Project Manager: Cliff Brunson P.O. #: Address: P.O. Box 805 Company: Oxy City: Hobbs State: NM Zip: 88241 Attn: Phone #: 575-397-6388 Fax #: 575-397-0397 Address: Project #: Project Owner: Oxy City: Project Name: NHU 33-114 (11/21/22) State: Zip: Project Location: New Mexico Phone #: Sampler Name: SIMON Fax #: FOR LAB USE ONLY MATRIX PRESERV SAMPLING S(G)RAB OR (C)OMP Lab I.D. Sample I.D. ACID/BASE HZ31864 DATE TIME 48 BOTTOM SAMPLE 231 @ 1' 4/17/23 11:39AM BOTTOM SMAPLE 232 @ 1' 4/17/23 11:48AM BOTTOM SAMPLE 233 @ 1' 4/17/23 12:00PM BOTTOM SAMPLE 234 @ 1' 4/17/23 12:10PM BOTTOM SAMPLE 235 @ 1' 4/17/23 12:17PM BOTTOM SAMPLE 236 @ 1' 4/17/23 12:26PM BOTTOM SAMPLE 237 @ 1'

4/17/23

4/17/23

4/17/23

12:33PM

12:40PM

12:47PM

12:56PM

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 consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries

Relinquished By:	Date: Received By:	Phone Result:	□ Yes	D No.	14.1.111.01	
30 ×	417-2	Fax Result:	□ Yes	□ No	Add'l Phone #:	
100	Time P. Mariltons	REMARKS:	L 163	L 140	Add'l Fax #:	
Relinquished By:	Date: Received By:	- 1 - 50.50.5				
1	4770	1/0				
Inantena	Time: 822 2/9/1/9/9/ Walab	26				
Delivered By: (Circle One)	Sample Condition CHECKET	DRV:				
Sampler - UPS - Bus - Other:	Cool Intact (Initial	s)				
oumpier - or 5 - Bus - Other.	9.3c/-9.9c Hes Yes					
† Cardinal cannot accept verbal of	Sharasa Blassa (					

ept verbal changes. Please fax written changes to 505-393-2476

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Nam	e: BBC International, Inc.				Т		BILL TO	9				ANALVEI	S REQUES	\T	
Project Manag	er: Cliff Brunson				P	.0.#:			_	T	T	ANALTSI	REQUES	51	_
Address: P.C	D. Box 805				c	ompany	· Ovu		1						1 1
city: Hobbs	State: NM	Zi	n:	88241		ttn:	. Oxy		1		1 1				1 1
Phone #: 575						ddress:			-		1 1				1 1
roject #:	Project Owne	-		.001					-		1 1				1 1
Project Name:	NHU 33-114 (11/21/22)					ity:			-		1 1				1 1
	n: New Mexico					tate:	Zip:		-		1 1				1 1
Sampler Name:						hone #:			1	1	,				
FOR LAB USE ONLY	CIMICIV	_	_	MATRIX	Fa	PRESE	nul		1/2	3					1 1
		ď.	ı	MAINA	Т	PRESE	KV. SAMI	PLING	1 2	É	>				1 1
Lab I.D.	Sample I.D.	(G)RAB OR (C)OI	# CONTAINERS	GROUNDWATER WASTEWATER SOIL	OTHER:	CE / COOL	DATE ::	TIME	Chlon	RITIN	1 PHE				
58	BOTTOM SAMPLE 241 @ 1'	G	1	V		1	4/17/23	1:05PM	1	1	1		-	_	-
59	BOTTOM SMAPLE 242 @ 1'	П	1			1	4/17/23	1:14PM	1	1	1	+++		_	
60	BOTTOM SAMPLE 243 @ 1'	П	П				4/17/23	1:23PM	1	1				-	-
	BOTTOM SAMPLE 244 @ 1'	П					4/17/23	1:30PM	Ľ	1			-		- 1
	BOTTOM SAMPLE 245 @ 1'	П	П				4/17/23	1:36PM	1	,			-		
	BOTTOM SAMPLE 246 @ 1'	П	П				4/17/23	1:44PM	1	1	1	+		-	-
	BOTTOM SAMPLE 247 @ 1'						4/17/23	1:50PM	1,	,	,	+	-		
	BOTTOM SAMPLE 248 @ 1'						4/17/23	1:58PM	1	,	,				
	BOTTOM SAMPLE 249 @ 1'						4/17/23	2:07PM	1	,					
67	BOTTOM SAMPLE 250 @ 1'						4/17/23	2:15PM	1	-	,				
ASE NOTE: Liability an	d Damages. Cardinal's liability and client's exclusive remedy for an	у сіаіт	arisin	g whether based in contrac	d or tort	shall be limit	ed to the amount o	aid by the client for		-	-				

analyses. All claims including those for negligence and any other cause whatsoever shall be deemed warved unless made in writing and received by Cardinal be limited to the amount paid by the client for the service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use. or loss of profits incurred by client, its subsidiaries.

Relinquished By:	Date: Received By:	Phone Result:	☐ Yes	□ No	Add'l Phone #:
2 1-2	Time; - + / / / / / / / / / / / / / / / / / /	Fax Result:	☐ Yes	□ No	Add'l Fax #:
Hose	Bin Stall and	REMARKS:			
Relinquished By:	Date:				
11. 1	419-23				
Malheun	Timesco7 , MAULDED I III de LLAN				
Delivered By: (Circle One)	con summer all surger are	1			
Delivered By. (Circle One)	Sample Condition CHECKED BY:				
Sampler - UPS - Bus - Other:	Cool Intact (Initials)	1			
or or or or other.	9.3c/-9.95 Yes Yes	1			
+ Cardinal cannot accept week-1	/ / C LI NO LI NO				

<sup>†</sup> Cardinal cannot accept verbal changes, Please fax written changes to 505-393-2476

# ARDINAL LABORATORIES

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Nam	e: BBC International, Inc.									B	ILL TO						AN	ALYS	IS R	FQU	FST			
Project Manag	er: Cliff Brunson							P	0.#	:			$\top$	T	T	$\top$	T	T	T	1	1		T	_
Address: P.C	D. Box 805							c	omp	any:	Oxy		7											
city: Hobbs	State: NM	Zi	p:	882	241				ttn:				1											
Phone #: 575-									ddre	ce.			1											1
Project #:	Project Owne								ity:	33.			1											1
Project Name:	NHU 33-114 (11/21/22)		-					1	ate:		71		-										1	
	on: New Mexico				-						Zip:		-										1	
Sampler Name:								-	none				0	3					1					
FOR LAB USE ONLY		_	_	_		MATE	SIX	Fa	X #:	SERV	/ SAMP	INC	1	)	L	- 1								1
Lab I.D. H231864	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	DATE	TIME	Oblan	RTEX		INHEN								
	BOTTOM SAMPLE 251 @ 1'	Q	1			~				4	4/17/23	2:24PM	1	1	1	7								
	BOTTOM SMAPLE 252 @ 1'	П	17			1					4/17/23	2:33PM	1	1	1									
	BOTTOM SAMPLE 253 @ 1'	П	П							1	4/17/23	2:41PM	1	1	1	,								
	BOTTOM SAMPLE 254 @ 1'	11	П								4/17/23	2:50PM	1	1	1	,								
	BOTTOM SAMPLE 255 @ 1'	П	П								4/17/23	2:57PM	1	1	1	,								
	BOTTOM SAMPLE 256 @ 1'	П	Ш								4/17/23	3:05PM	1	1	1	,					1		1	
	BOTTOM SAMPLE 257 @ 1'	Ш	П								4/17/23	3:12PM	1	1	1						1	1		
	BOTTOM SAMPLE 258 @ 1'	Ш	П								4/17/23	3:20PM	1	1	1	,						1		
7/.	BOTTOM SAMPLE 259 @ 1'	П	П			1					4/17/23	3:27PM	1	1	1	,					+			
14	BOTTOM SAMPLE 260 @ 1'																							

analyses. All claims, including those for recipience and any other cause whatsoever shall be deemed wared unless made in writing and received by Cardinal within 30 days after completion of the service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

elinquished By:	Date: Received By:	Phone Result:	☐ Yes	□ No	Add'l Phone #:	
D / 7	Times and	Fax Result:	☐ Yes	□ No	Add'l Fax #:	
antens	Time of with the same	REMARKS:				
elinquished B#:	Date: Received By:					
11	4-19-23					
Multan	Times 22 10/11/08/0 0/1/10/10/10	1				
950	OSCI SHUMEN WINGER					
Delivered By: (Circle One)	Sample Condition CHECKED BY:					
ampler - UPS - Bus - Other:	Cool Intact (Initials)					
ampler - or 5 - bus - Other:	Q 2 / Q Q LYES Yes	1				

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

# RDINAL LABORATORIES

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC International, Inc.						BILL TO						ANALYSI	ANALYSIS REQUEST				
Project Manager: Cliff Brunson						P.O. #:				T				1 1			
Address: P.O. Box 805							Company: Oxy				1		1 1				
City: Hobbs State: NM zip: 88241					1	Attn:						1 1		1 1 1			
Phone #: 575-397-6388 Fax #: 575-397-0397					1	Address:				1	1	1 1			1 1 1		
Project #: Project Owner: Oxy						City:				1	1	1 1			1 1 1		
Project Name: NHU 33-114 (11/21/22)						State: Zip:					1	1 1					
Project Location: New Mexico						Phone #:				1		1 1			1 1 1		
Sampler Name: SIMON						Fax #:				1		,					
FOR LAB USE ONLY		T			MATE	_	_	ESERV	SAMPI	LING	10	N.				111	
Lab I.D. H231864 78	Sample I.D.	(G)RAB OR (C)OM	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME	Chloric	RIEX	江東江				
78	SIDEWALL 1	G	Ţ		V			Y	4/17/23	3:35PM	1	1	1				
	SIDEWALL 2	Н	Ш		1				4/17/23	3:44PM	1	1	1				
	SIDEWALL 3	Ш	Ш			11			4/17/23	3:52PM	1	1	1				
07	SIDEWALL 4 SIDEWALL 5	Н	Ш	4	1	11			4/17/23	4:02PM	1	V	1				
- Annual Property	SIDEWALL 6	Н	Ш	-	1				4/17/23	4:10PM	1	1	1				
00	SIDEWALL 6	1	Н	+	1	+		1	4/17/23	4:17PM	1	V	1				
		Н		+		+	1	-									
		Н		-		++		+									
		Н		+		++		+			-						
LEASE NOTE: Liability an	d Damages. Cardinal's liability and client's exclusive remedy for a g those for negligence and any other cause whatsoever shall be	ny claim	ansing	whether	based in c	ontract or to	ort, shall b	be limited t	to the amount pa	d by the client for	the	-					

Relinquished By:	Date: Receive	d By./	Phone Result:	☐ Yes	□ No	Add'l Phone #:	
T Xx	Time Q- AM	11. 161	Fax Result:	☐ Yes	□ No	Add'I Fax #:	
	0.00	MANHOUR	REMARKS:				
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Manella	41965	Garnete SIII.	LON				
And Fun	Time 827	HUUWU NKKOO	ex				
Delivered By: (Circle One)	1110	Sample Condition   CHECKED	RV.				
	#13	Cool Intact (Initials					
Sampler - UPS - Bus - Other:	7.30/-001	Tes Tes					
† Cardinal cannot accent verbal of	1-1-10	L No L No / «					

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 252838

## **CONDITIONS**

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	252838
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created	Condition	Condition
Ву		Date
nvelez	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling ops.	12/4/2023