

Closure Report

ID# nAB1919157408

Site Description

Site Name:	HEIGHT CC 6-7 FED COM 31H
Company:	OXY USA INC.
Legal Description:	U/L K, SECTION 5, T24S, R29E
County:	EDDY COUNTY, NM
GPS Coordinates:	N 32.24589,W-104.01021

Release Data

Date of Release:	6/20/2019		
Type of Release:	PRODUCED WATER		
Source of Release:	FAILURE OF LAY FLAT LINE		
Volume of Release:	200 BBLS		
Volume Recovered:	198 BBLS		

Remediation Specifications

Remediation Parameters:	OXY excavated the spill area as depicted on the following site diagram. The leak area near SP1 – SP3 (LIGHT BLUE shade on diagram) required zero remediation. The leak area near SP4 (PURPLE shade on diagram) was excavated to a depth of 1.5 feet. The leak area near SP5 (GREEN shade on diagram) was excavated to a depth of 3.5 feet. The leak area near SP6, SP7, SP8, and SP11 (YELLOW shade on diagram) was excavated to a depth of 4 feet. The leak area near SP9 and SP10 (PURPLE shade on diagram) was excavated to a depth of 2.5 feet. Bottom and sidewall confirmation samples was collected every 200 square feet.
Remediation Activities:	9/18/23 - 12/18/23

Plan Sent to OCD:		2/12/2020
OCD Approval of Plan:		2/12/2020
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 10/19/23 to 10/23/23	
Notifications	10/13/23,3/15/24	

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

5/7/2024

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAB1919157408
District RP	
Facility ID	
Application ID	


Closure

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 4-24-24
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

From: [Cliff P. Brunson](#)
To: OCD.Enviro@emnrd.nm.gov
Cc: [Wade Dittrich](#); [Tyson Pierce](#); [Kathy Sweeney](#); [Jennifer Gilkey](#)
Subject: OXY - Height CC 6 7 Federal Com #031H (6-20-19) (NAB1919157408) - Sample Notification
Date: Friday, October 13, 2023 4:23:02 PM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Height CC 6 7 Federal Com #031H (6-20-19) (NAB1919157408) on Thursday, October 19, 2023 at 11:00 a.m.

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



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From: [Wells, Shelly, EMNRD](#)
To: [Cliff P. Brunson](#); [Hamlet, Robert, EMNRD](#); [Bratcher, Michael, EMNRD](#)
Cc: [Wade Dittrich](#); [Tyson Pierce](#); [Kathy Sweeney](#); [Jennifer Gilkey](#)
Subject: RE: [EXTERNAL] OXY - Height CC 6 7 Federal Com #031H (6-20-19) (NAB1919157408) - Sample Notification
Date: Friday, October 13, 2023 4:39:16 PM

Hi Cliff,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

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

From: Cliff P. Brunson <cbrunson@bbcinternational.com>
Sent: Friday, October 13, 2023 4:23 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Wade Dittrich <Wade_Dittrich@oxy.com>; Tyson Pierce <tyson_pierce@oxy.com>; Kathy Sweeney <kathys@bbcinternational.com>; Jennifer Gilkey <jgilkey@bbcinternational.com>
Subject: [EXTERNAL] OXY - Height CC 6 7 Federal Com #031H (6-20-19) (NAB1919157408) - Sample Notification

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

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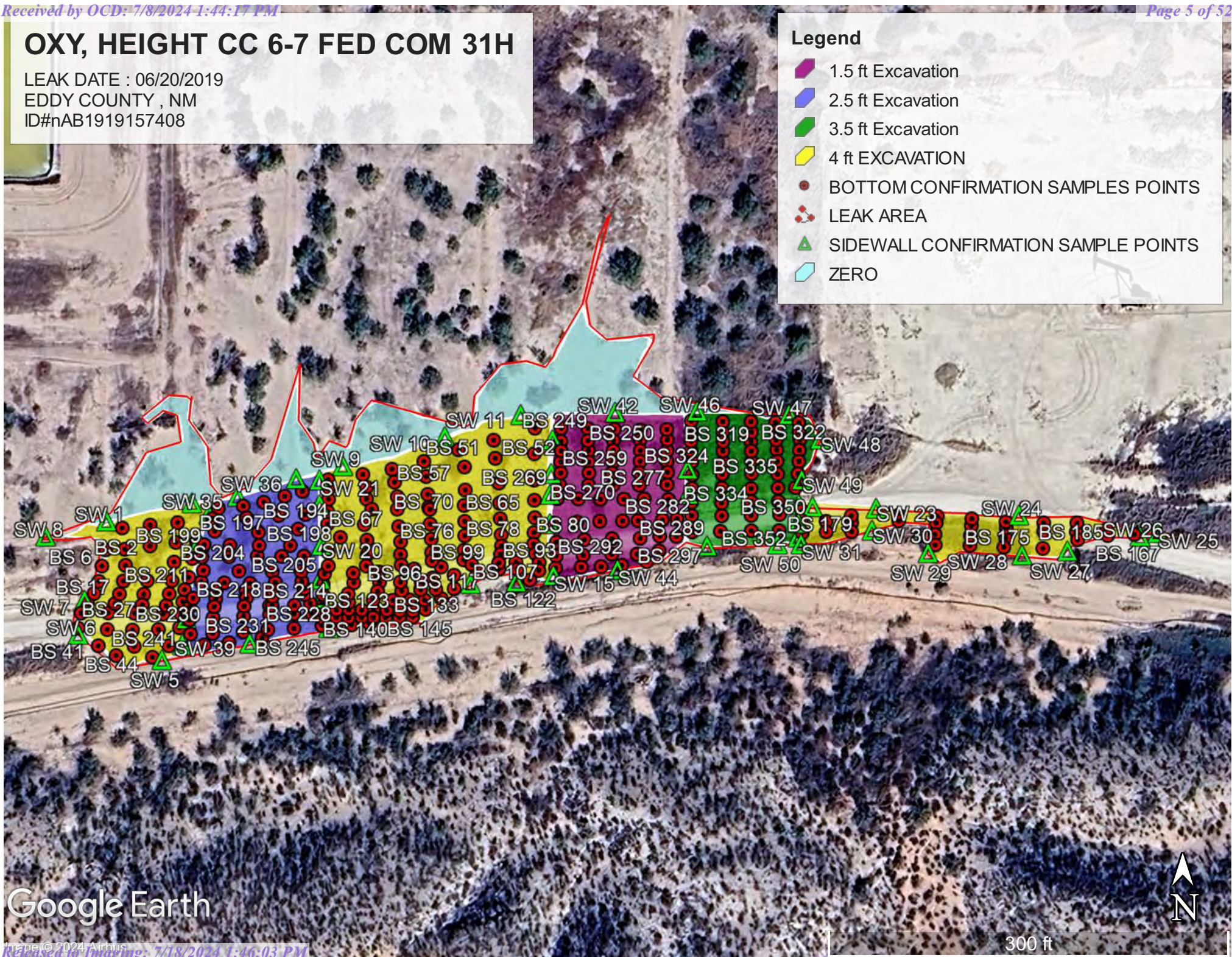
Cliff P. Brunson, CEI, CRS
CEO/President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.

OXY, HEIGHT CC 6-7 FED COM 31H

LEAK DATE : 06/20/2019
EDDY COUNTY , NM
ID#nAB1919157408

Legend

- 1.5 ft Excavation
- 2.5 ft Excavation
- 3.5 ft Excavation
- 4 ft EXCAVATION
- BOTTOM CONFIRMATION SAMPLES POINTS
- LEAK AREA
- SIDEWALL CONFIRMATION SAMPLE POINTS
- ZERO



OXY, HEIGHT CC 6-7 FED COM 31H

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1.5 ft Excavation

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3.5 ft Excavation

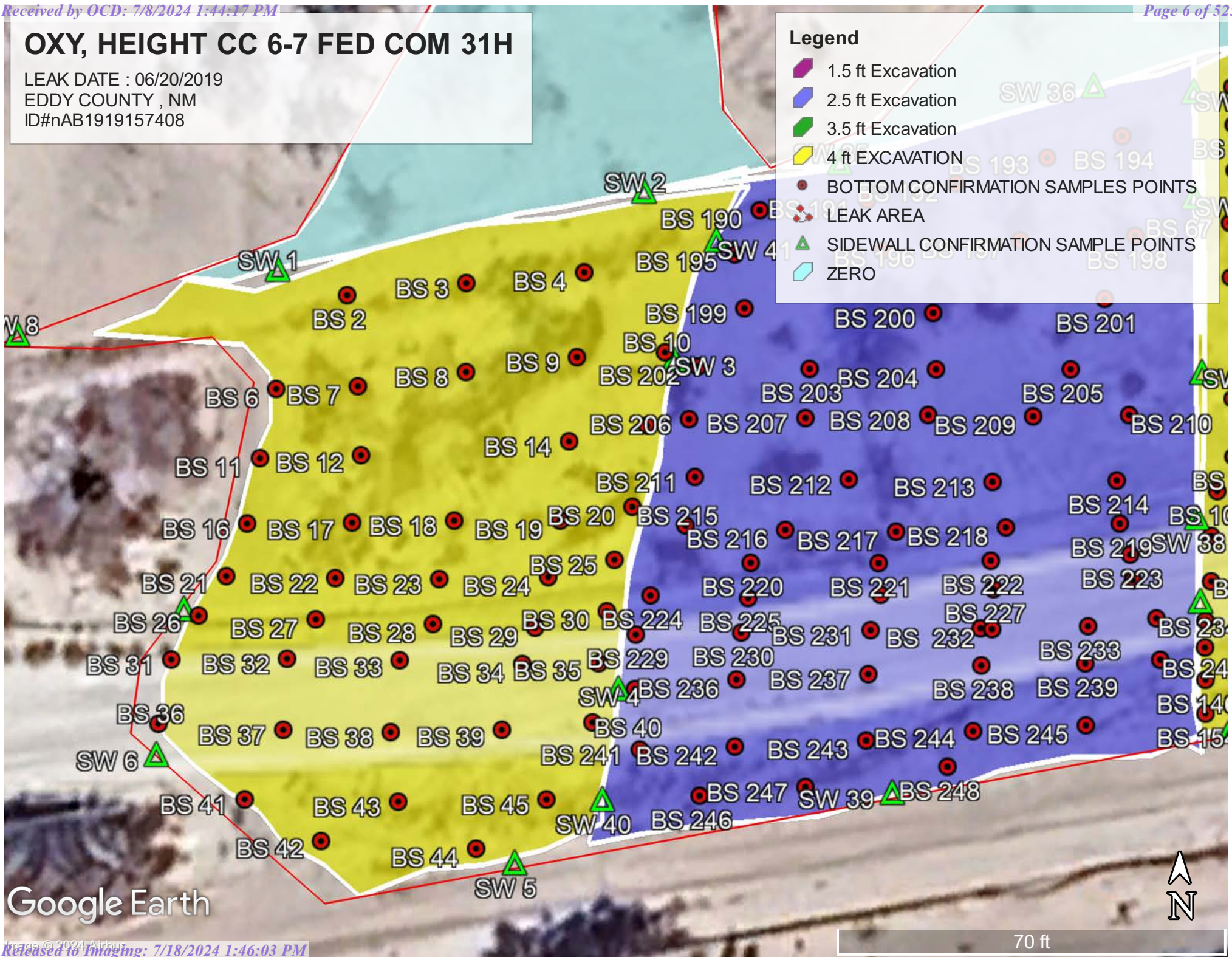
4 ft EXCAVATION

• BOTTOM CONFIRMATION SAMPLES POINTS

LEAK AREA

▲ SIDEWALL CONFIRMATION SAMPLE POINTS

ZERO



Google Earth

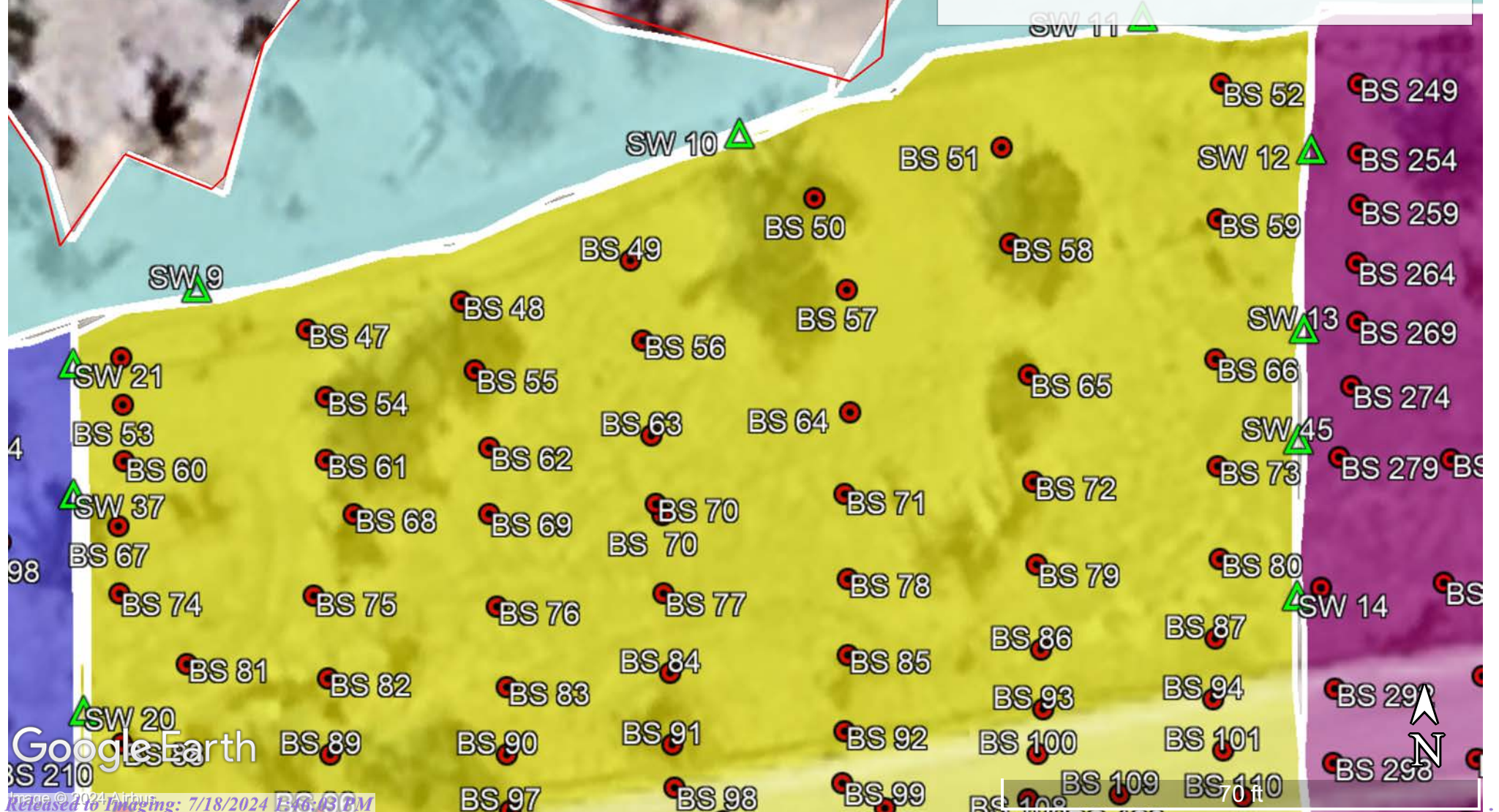
70 ft

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






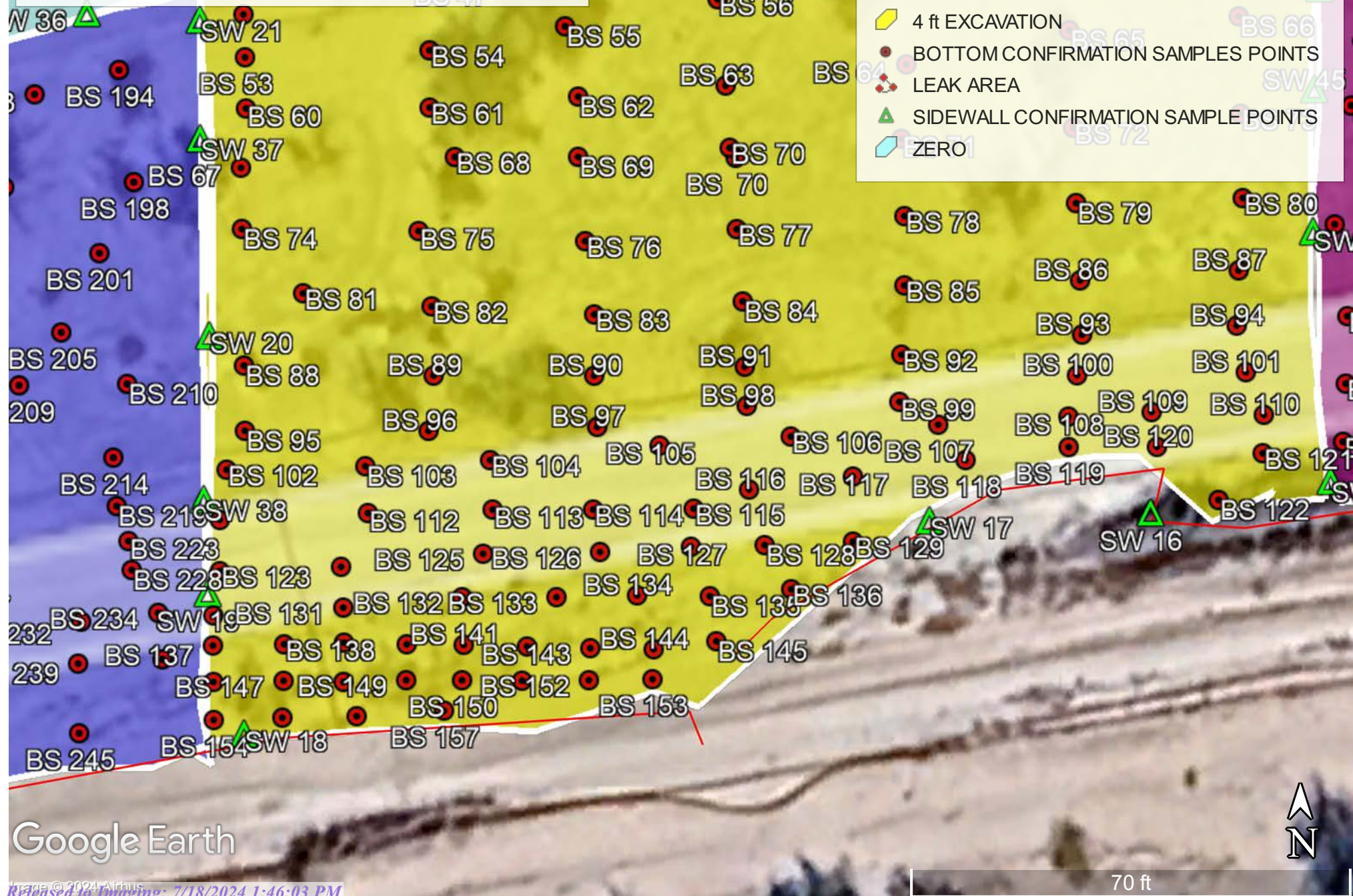
Google Earth

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BOTTOM CONFIRMATION SAMPLES POINTS

LEAK AREA

SIDEWALL CONFIRMATION SAMPLE POINTS

ZERO



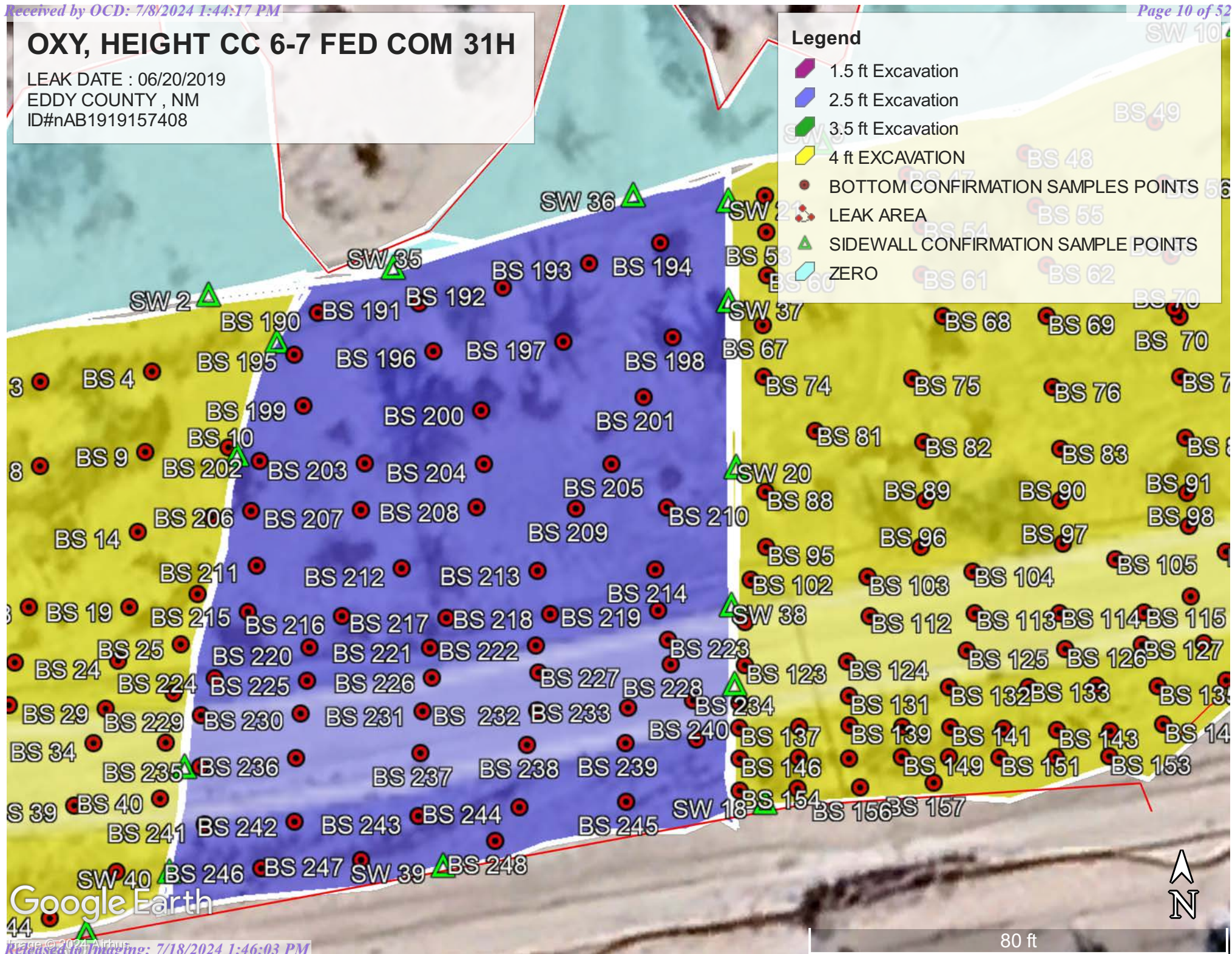
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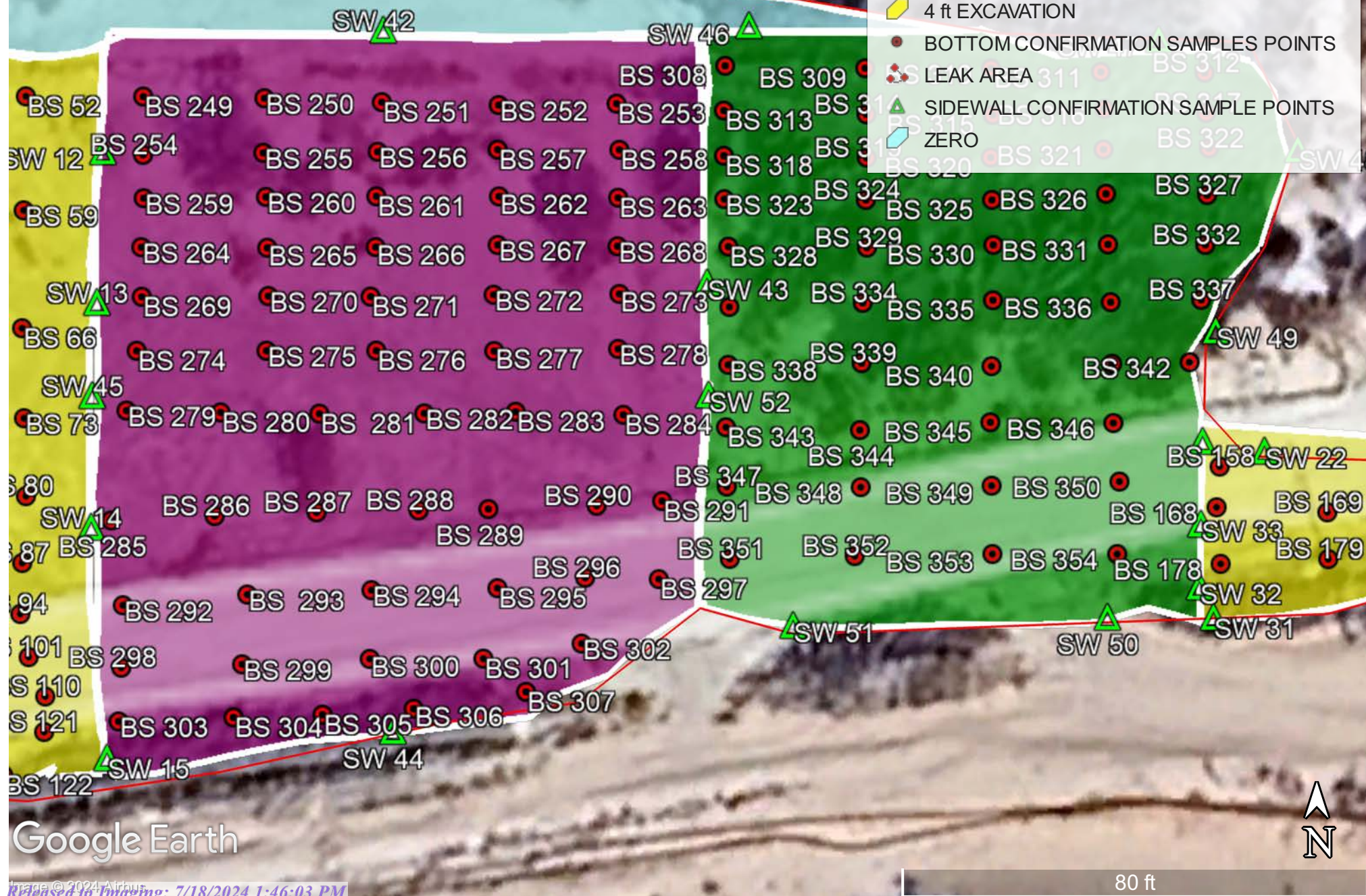


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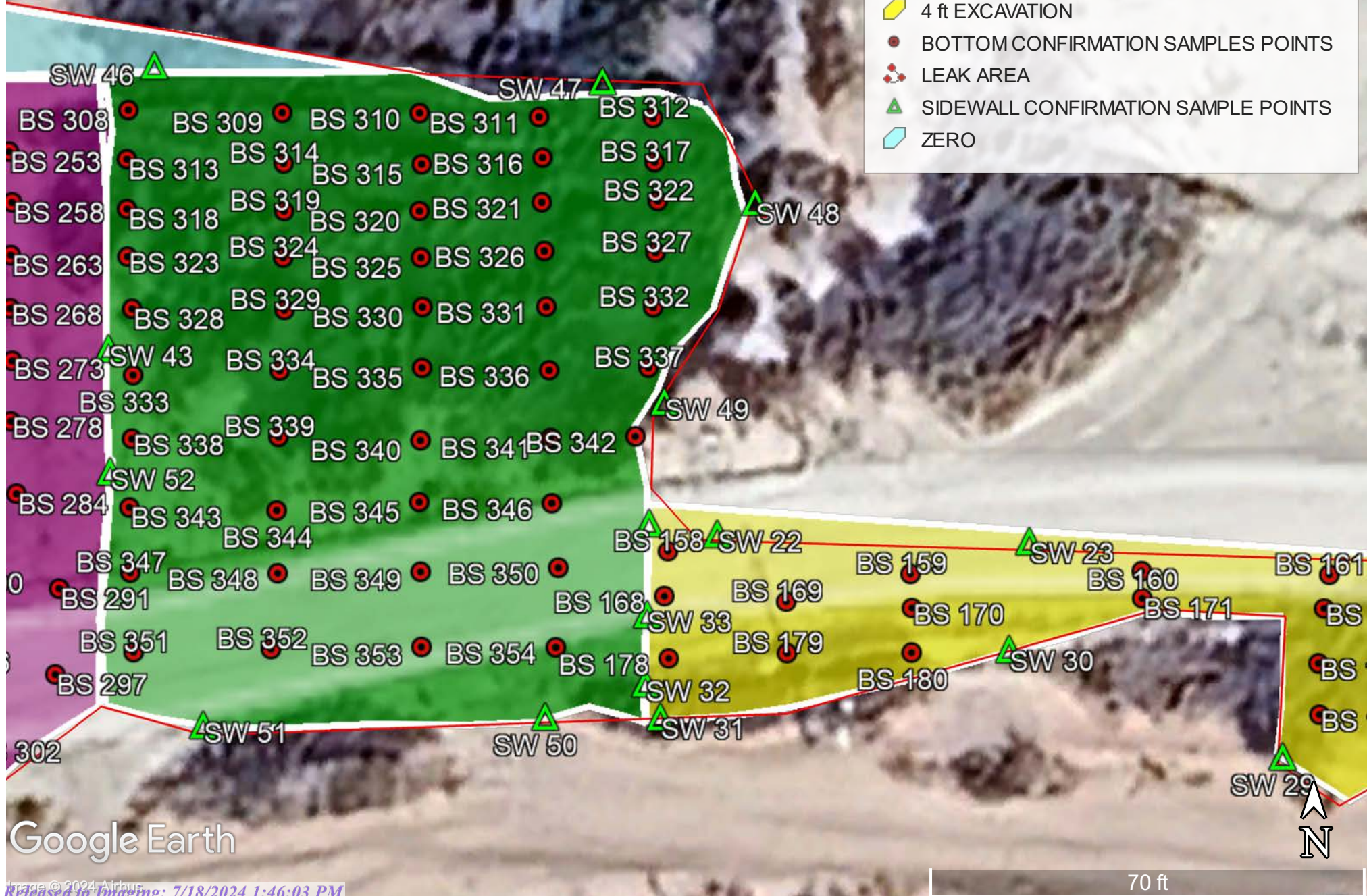
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Google Earth

OXY-HEIGHT CC 6-7 FED COM 31H (6/20/19)

BS 1@4'	N 32.245920	W-104.011318
BS 2@4'	N 32.245926	W-104.011234
BS 3@4'	N 32.245932	W-104.011164
BS 4@4'	N 32.245937	W-104.011094
BS 5@4'	N 32.245950	W-104.011039
BS 6@4'	N 32.245879	W-104.011276
BS 7@4'	N 32.245881	W-104.011228
BS 8@4'	N 32.245888	W-104.011164
BS 9@4'	N 32.245895	W-104.011099
BS 10@4'	N 32.245897	W-104.011047
BS 11@4'	N 32.245845	W-104.011285
BS 12@4'	N 32.245846	W-104.011226
BS 13@4'	N 32.245851	W-104.011167
BS 14@4'	N 32.245853	W-104.011103
BS 15@4'	N 32.245861	W-104.011057
BS 16@4'	N 32.245812	W-104.011293
BS 17@4'	N 32.245813	W-104.011231
BS 18@4'	N 32.245814	W-104.011171
BS 19@4'	N 32.245814	W-104.011109
BS 20@4	N 32.245821	W-104.011066
BS 21@4'	N 32.245786	W-104.011305
BS 22@4'	N 32.245785	W-104.011240
BS 23@4'	N 32.245785	W-104.011180
BS 24@4'	N 32.245786	W-104.011116
BS 25@4'	N 32.245794	W-104.011077
BS 26@4'	N 32.245767	W-104.011321
BS 27@4'	N 32.245765	W-104.011252
BS 28@4'	N 32.245762	W-104.011183
BS 29@4'	N 32.245760	W-104.011123
BS 30@4'	N 32.245769	W-104.011081
BS 31@4'	N 32.245745	W-104.011337
BS 32@4'	N 32.245745	W-104.011269
BS 33@4'	N 32.245744	W-104.011203
BS 34@4'	N 32.245743	W-104.011138
BS 35@4'	N 32.245743	W-104.011086
BS 36@4'	N 32.245724	W-104.011342
BS 37@4'	N 32.245723	W-104.011278
BS 38@4'	N 32.245724	W-104.011211
BS 39@4'	N 32.245725	W-104.011140
BS 40@4'	N 32.245723	W-104.011086
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BS 42@4'	N 32.245654	W-104.011249
BS 43@4'	N 32.245674	W-104.011204
BS 44@4'	N 32.245651	W-104.011158
BS 45@4'	N 32.245675	W-104.011117
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BS 48@4'	N 32.246051	W-104.010555
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BS 50@4'	N 32.246092	W-104.010388
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BS 60@4'	N 32.245942	W-104.010714
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BS 62@4'	N 32.245948	W-104.010542
BS 63@4'	N 32.245949	W-104.010454
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BS 65@4'	N 32.245971	W-104.010291
BS 67@4'	N 32.245912	W-104.010717
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BS 97@4'	N 32.245847	W-104.010532
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BS 101@4'	N 32.245873	W-104.010199
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BS 105@4'	N 32.245838	W-104.010454
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BS 131@4'	N 32.245768	W-104.010663
BS 132@4'	N 32.245772	W-104.020602
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BS 134@4'	N 32.245773	W-104.010511
BS 135@4'	N 32.245773	W-104.010473
BS 136@4'	N 32.245776	W-104.010431
BS 137@4'	N 32.245751	W-104.010731
BS 138@4'	N 32.245752	W-104.010694
BS 139@4	N 32.245752	W-104.010663
BS 140@4'	N 32.245752	W-104.010631
BS 141@4'	N 32.245751	W-104.010601
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BS 143@4'	N 32.245750	W-104.010535
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BS 154@4'	N 32.245718	W-104.010731
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BS 162@4'	N 32.245942	W-104.009084
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BS 165@4'	N 32.245937	W-104.008834
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BS 170@4'	N 32.245937	W-104.009400
BS 171@4'	N 32.245941	W-104.009281
BS 172@4'	N 32.245936	W-104.009185
BS 173@4'	N 32.245930	W-104.009096
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BS 175@4'	N 32.245918	W-104.008916
BS 176@4'	N 32.245918	W-103.010201
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BS 180@4'	N 32.245918	W-104.009400
BS 181@4'	N 32.245913	W-104.009190
BS 182@4'	N 32.245909	W-104.009099
BS 183@4'	N 32.245904	W-104.009010
BS 184@4'	N 32.245902	W-104.008917
BS 185@4'	N 32.245901	W-104.008832
BS 186@4'	N 32.245890	W-104.009188
BS 187@4'	N 32.245888	W-104.009100
BS 188@4'	N 32.245885	W-104.009015
BS 189@4'	N 32.245882	W-104.008918
BS 190@2.5'	N 32.245968	W-104.010991
BS 191 @2.5'	N 32.245971	W-104.010942
BS 192@2.5'	N 32.245981	W-104.010877
BS 193@2.5'	N 32.245993	W-104.010824
BS 194@2.5'	N 32.246004	W-104.010780
BS 195@2.5'	N 32.245946	W-104.011006
BS 196@2.5'	N 32.245947	W-104.010939
BS 197@2.5'	N 32.245953	W-104.010840
BS 198@2.5'	N 32.245955	W-104.010772
BS 199@2.5'	N 32.245919	W-104.011000
BS 200@2.5	N 32.245917	W-104.010890
BS 201@2.5'	N 32.245924	W-104.010790
BS 202@2.5'	N 32.245890	W-104.011028
BS 203@2.5'	N 32.245889	W-104.010962
BS 204@2.5'	N 32.245889	W-104.010889
BS 205@2.5'	N 32.245889	W-104.010810
BS 206@2.5'	N 32.245864	W-104.011033
BS 207@2.5'	N 32.245865	W-104.010965
BS 208@2.5'	N 32.245866	W-104.010893
BS 209@2.5'	N 32.245865	W-104.010832
BS 210@2.5'	N 32.245866	W-104.010776
BS 211@2.5'	N 32.245836	W-104.011029
BS 212@2.5'	N 32.245834	W-104.010939
BS 213@2.5'	N 32.245833	W-104.010856
BS 214@2.5'	N 32.245834	W-104.010783
BS 215@2.5'	N 32.245811	W-104.011035
BS 216@2.5'	N 32.245809	W-104.010976
BS 217@2.5'	N 32.245808	W-104.010912
BS 218@2.5'	N 32.245810	W-104.010848

BS 219@2.5	N 32.245812	W-104.010781
BS 220@2.5'	N 32.245793	W-104.010997
BS 221@2.5'	N 32.245793	W-104.010922
BS 222@2.5'	N 32.245794	W-104.010856
BS 223@2.5'	N 32.245797	W-104.010775
BS 224@2.5'	N 32.245777	W-104.011056
BS 225@2.5'	N 32.245775	W-104.010998
BS 226@2.5'	N 32.245775	W-104.010919
BS 227@2.5	N 32.245780	W-104.010855
BS 228@2.5'	N 32.245784	W-104.010773
BS 229@2.5'	N 32.245757	W-104.011064
BS 230@2.5'	N 32.245758	W-104.011002
BS 231@2.5'	N 32.245760	W-104.010927
BS 232@2.5	N 32.245760	W-104.010856
BS 233@2.5'	N 32.245759	W-104.010799
BS 234@2.5'	N 32.245762	W-104.010763
BS 235@2.5'	N 32.245730	W-104.011065
BS 236@2.5'	N 32.245735	W-104.011005
BS 237@2.5'	N 32.245738	W-104.010928
BS 238@2.5'	N 32.245742	W-104.010862
BS 239@2.5'	N 32.245743	W-104.010801
BS 240@2.5'	N 32.245745	W-104.010757
BS 241@2.5'	N 32.245700	W-104.011062
BS 242@2.5'	N 32.245702	W-104.011006
BS 243@2.5'	N 32.245705	W-104.010929
BS 244@2.5	N 32.245710	W-104.010867
BS 245@2.5'	N 32.245713	W-104.010801
BS 246@2.5	N 32.245677	W-104.011027
BS 247@2.5'	N 32.245682	W-104.010965
BS 248@2.5'	N 32.245692	W-104.020882
BS 249@1.5'	N 32.246138	W-104.010130
BS 250@1.5'	N 32.246137	W-104.010062
BS 251@1.5'	N 32.246136	W-104.009996
BS 252@1.5'	N 32.246135	W-104.009931
BS 253@1.5'	N 32.246135	W-104.009864
BS 254@1.5'	N 32.246110	W-104.010130
BS 255@1.5'	N 32.246111	W-104.010063
BS 256@1.5'	N 32.246112	W-104.009999
BS 257@1.5'	N 32.246113	W-104.009931
BS 258@1.5	N 32.246113	W-104.009862
BS 259@1.5'	N 32.246090	W-104.010130
BS 260@1.5'	N 32.246090	W-104.010061
BS 261@1.5'	N 32.246091	W-104.009999
BS 262@1.5'	N 32.246091	W-104.009931

BS 263@1.5'	N 32.246090	W-104.009863
BS 264@1.5'	N 32.246066	W-104.010131
BS 265@1.5'	N 32.246066	W-104.010060
BS 266@1.5'	N 32.246067	W-104.010000
BS 267@1.5'	N 32.246068	W-104.009931
BS 268@1.5'	N 32.246067	W-104.009864
BS 269@1.5'	N 32.246043	W-104.010131
BS 270@1.5'	N 32.246043	W-104.010060
BS 271@1.5'	N 32.246043	W-104.010002
BS 272@1.5	N 32.246044	W-104.009934
BS 273@1.5'	N 32.246044	W-104.009862
BS 274@1.5'	N 32.246017	W-104.010134
BS 275@1.5'	N 32.246017	W-104.010061
BS 276@1.5'	N 32.246017	W-104.009999
BS 277@1.5'	N 32.246017	W-104.009933
BS 278@1.5'	N 32.246018	W-104.009863
BS 279@1.5'	N 32.245989	W-104.010130
BS 280@1.5'	N 32.245988	W-104.010067
BS 281@1.5	N 32.245989	W-104.010002
BS 282@1.5'	N 32.245991	W-104.009934
BS 283@1.5'	N 32.245994	W-104.009863
BS 284@1.5'	N 32.245986	W-104.009860
BS 285@1.5'	N 32.245962	W-104.010145
BS 286@1.5'	N 32.245962	W-104.010101
BS 287@1.5'	N 32.245961	W-104.010054
BS 288@1.5'	N 32.245960	W-104.009999
BS 289@1.5'	N 32.245961	W-104.009962
BS 290@1.5'	N 32.245959	W-104.009923
BS 291@1.5'	N 32.245961	W-104.009864
BS 292@1.5'	N 32.245942	W-104.010150
BS 293@1.5'	N 32.245943	W-104.010101
BS 294@1.5'	N 32.245943	W-104.010054
BS 295@1.5'	N 32.245943	W-104.010000
BS 296@1.5'	N 32.245908	W-104.009895
BS 297@1.5'	N 32.245908	W-104.009840
BS 298@1.5'	N 32.245866	W-104.010142
BS 299@1.5'	N 32.245868	W-104.010074
BS 300@1.5'	N 32.245870	W-104.010003
BS 301@1.5'	N 32.245870	W-104.009939
BS 302@1.5'	N 32.245877	W-104.009884
BS 303@1.5'	N 32.245841	W-104.010144
BS 304@1.5'	N 32.245843	W-104.010079
BS 305@1.5'	N 32.245844	W-104.010029
BS 306@1.5'	N 32.245847	W-104.009978

BS 307@1.5'	N 32.245854	W-104.009915
BS 308@3.5'	N 32.246154	W-104.009803
BS 309@3.5'	N 32.246152	W-104.009723
BS 310@3.5'	N 32.246152	W-104.009652
BS 311@3.5'	N 32.246150	W-104.009591
BS 312@3.5'	N 32.246150	W-104.009532
BS 313@3.5'	N 32.246132	W-104.009803
BS 314@3.5'	N 32.246130	W-104.009723
BS 315@3.5'	N 32.246130	W-104.009651
BS 316@3.5'	N 32.246132	W-104.009589
BS 317@3.5'	N 32.246131	W-104.009531
BS 318@3.5'	N 32.246111	W-104.009803
BS 319@3.5'	N 32.246110	W-104.009722
BS 320@3.5'	N 32.246110	W-104.009652
BS 321@3.5'	N 32.246113	W-104.009589
BS 322@3.5'	N 32.246114	W-104.009530
BS 323@3.5'	N 32.246090	W-104.009803
BS 324@3.5'	N 32.246089	W-104.009723
BS 325@3.5'	N 32.246089	W-104.009652
BS 326@3.5'	N 32.246092	W-104.009588
BS 327@3.5'	N 32.246091	W-104.009531
BS 328@3.5'	N 32.246067	W-104.009801
BS 329@3.5'	N 32.246066	W-104.009722
BS 330@3.5'	N 32.246068	W-104.009651
BS 331@3.5'	N 32.246068	W-104.246068
BS 332@3.5'	N 32.246068	W-104.009532
BS 333@3.5'	N 32.246038	W-104.009800
BS 334@3.5'	N 32.246040	W-104.009725
BS 335@3.5'	N 32.246041	W-104.009651
BS 336@3.5'	N 32.246040	W-104.009585
BS 337@3.5'	N 32.246041	W-104.009535
BS 338@3.5'	N 32.246010	W-104.009801
BS 339@3.5'	N 32.246011	W-104.009725
BS 340@3.5'	N 32.246010	W-104.009652
BS 341@3.5'	N 32.246011	W-104.009585
BS 342@3.5'	N 32.26012	W-104.009541
BS 343@3.5'	N 32.245980	W-104.009802
BS 344@3.5'	N 32.245979	W-104.009726
BS 345@3.5'	N 32.245983	W-104.009653
BS 346@3.5'	N 32.245983	W-104.009584
BS 347@3.5'	N 32.245952	W-104.009802
BS 348@3.5'	N 32.245952	W-104.009726
BS 349@3.5'	N 32.245952	W-104.009652
BS 350@3.5'	N 32.245955	W-104.009581

BS 351@3.5'	N 32.245917	W-104.009800
BS 352@3.5'	N 32.245919	W-104.009729
BS 353@3.5'	N 32.245920	W-104.009651
BS 354@3.5'	N 32.245920	W-104.009582

SIDEWALL SAMPLE POINTS

SW 1	N 32.245939	W-104.011275
SW 2	N 32.245977	W-104.011060
SW 3	N 32.245893	W-104.011042
SW 4	N 32.245730	W-104.011075
SW 5	N 32.245643	W-104.011136
SW 6	N 32.245697	W-104.011347
SW 7	N 32.245769	W-104.011331
SW 8	N 32.245906	W-104.011428
SW 9	N 32.246056	W-104.010680
SW 10	N 32.246118	W-104.010424
SW 11	N 32.246164	W-104.010233
SW 12	N 32.246111	W-104.010153
SW 13	N 32.246040	W-104.010156
SW 14	N 32.245933	W-104.010160
SW 15	N 32.245823	W-104.010151
SW 16	N 32.245809	W-104.010244
SW 17	N 32.245805	W-104.010359
SW 18	N 32.245712	W-104.010716
SW 19	N 32.245773	W-104.010734
SW 20	N 32.245887	W-104.010734
SW 21	N 32.246025	W-104.010738
SW 22	N 32.245983	W-104.009526
SW 23	N 32.245965	W-104.009340
SW 24	N 32.245951	W-104.008979
SW 25	N 32.245914	W-104.008631
SW 26	N 32.245906	W-104008676
SW 27	N 32.245875	W-104.008859
SW 28	N 32.245866	W-104.008971
SW 29	N 32.245871	W-104.009208
SW 30	N 32.245893	W-104.009494
SW 31	N 32.245890	W-104.009529
SW 32	N 32.245904	W-104.009537
SW 33	N 32.245934	W-104.009536
SW 34	N 32.245973	W-104.009535
SW 35	N 32.245991	W-104.010945

SW 36	N 32.246028	W-104.010797
SW 37	N 32.245973	W-104.010738
SW 38	N 32.245815	W-104.010736
SW 39	N 32.245679	W-104.010914
SW 40	N 32.245675	W-104.011084
SW 41	N 32.245952	W-104.011017
SW 42	N 32.246170	W-104.009996
SW 43	N 32.246049	W-104.009813
SW 44	N 32.245835	W-104.009990
SW 45	N 32.249959	W-104.010159
SW 46	N 32.246172	W-104.009790
SW 47	N 32.246165	W-104.009559
SW 48	N 32.246113	W-104.009480
SW 49	N 32.246026	W-104.009527
SW 50	N 32.245890	W-104.009588
SW 51	N 32.245885	W-104.009765
SW 52	N 32.245995	W-104.009812

	Sample ID	BS 55@4'	BS 56@4'	BS 57@4'	BS 58@4'	BS 59@4'	BS 60@4'	BS 61@4'	BS 62@4'	BS 63@4'	BS 64@4'	BS 65@4'	BS 66@4'	BS 67@4'	BS 68@4'	BS 69@4'	BS 70@4'	BS 71@4'	BS 72@4'
Analyte	Date	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23
		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		16.0	16.0	<16.0	32.0	32.0	16.0	16.0	16.0	32.0	16.0	32.0	16.0	16.0	32.0	16.0	32.0	16.0	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	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 73@4'	BS 74@4'	BS 75@4'	BS 76@4'	BS 77@4'	BS 78@4'	BS 79@4'	BS 80@4'	BS 81@4'	BS 82@4'	BS 83@4'	BS 84@4'	BS 85@4'	BS 86@4'	BS 87@4'	BS 88@4'	BS 89@4'	BS 90@4'
Analyte	Date	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/19/23	10/20/23	10/20/23	10/20/23
		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		16.0	32.0	32.0	16.0	16.0	16.0	32.0	32.0	<16.0	32.0	32.0	48.0	16.0	16.0	16.0	32.0	16.0	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	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

[illegible][illegible][illegible]

[illegible][illegible][illegible]

[illegible][illegible][illegible]

[illegible][illegible][illegible]

[illegible][illegible][illegible]

[illegible][illegible][illegible]

National Flood Hazard Layer FIRMette



32°15'0.42"N

104°0'55.48"W



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/25/2019 at 1:24:05 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

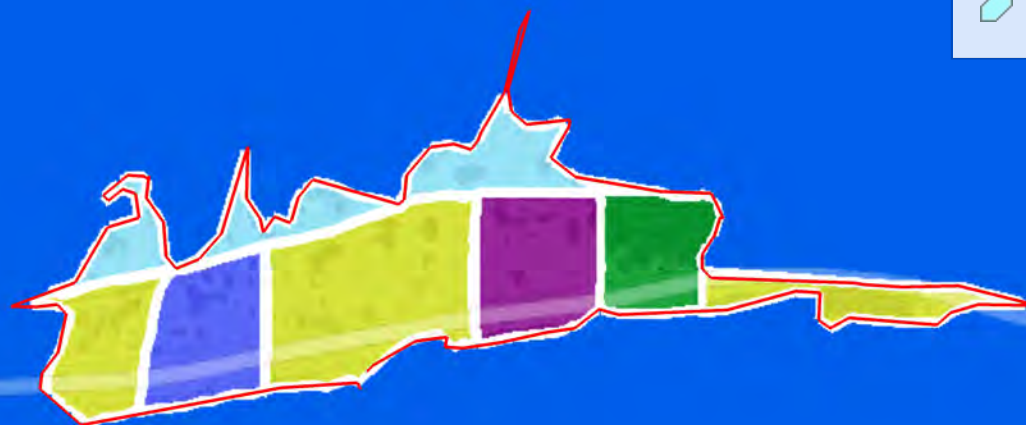
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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

OXY-HEIGHT CC 6-7 FED COM 31H

LEAK DATE : 06/20/19
EDDY COUNTY, NM
ID#nAB1919156072

Legend

- 1.5 ft Excavation
- 2.5 ft Excavation
- 3.5 ft Excavation
- 4' EXCAVATION
- Leak area
- Medium
- Zero



Google Earth



600 ft



HEIGHT CC 6-7 FED COM 31H (6/20/19)



April 24, 2024

Wetlands

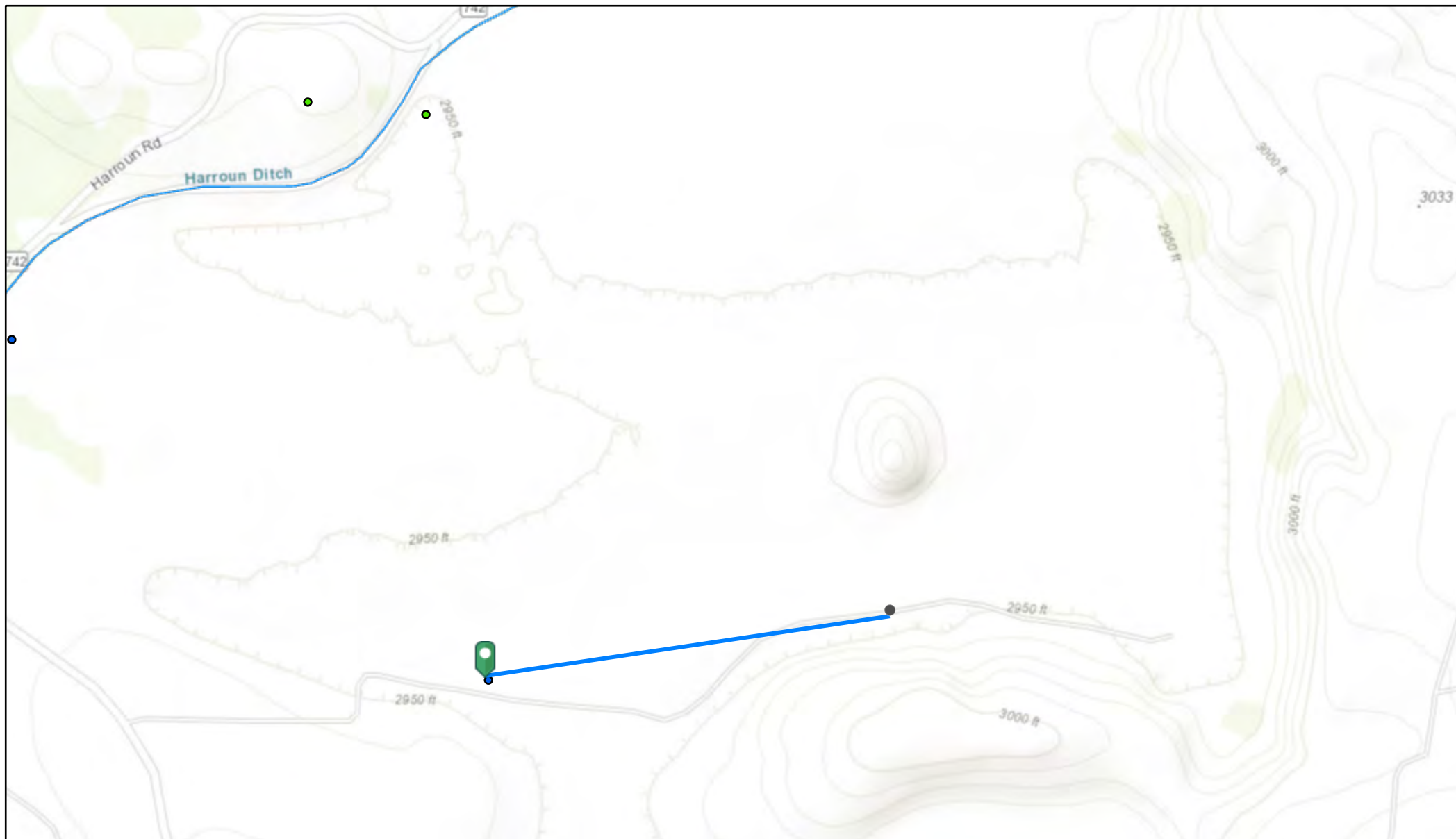
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

OXY-HEIGHT CC 6-7 FEDERAL COM 31H 0.37 MILES TO WATER POD



4/3/2024, 1:43:48 PM

OSE Water PODs



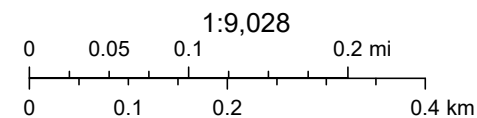
Pending



OSE Streams



Active



Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA, NM OSE

Form No.

NEW MEXICO OFFICE OF THE STATE ENGINEER

APPLICATION FOR PERMIT TO DRILL A WELL
WITH NO CONSUMPTIVE USE OF WATER

(check applicable box):

For fees, see State Engineer website: <http://www.ose.state.nm.us/>

2-32724

- Purpose:
- ☐ Pollution Control And / Or Recovery ☐ Geo-Thermal
- ☐ Exploratory ☐ Construction Site De-Watering ☐ Other (Describe):
- ☒ Monitoring ☐ Mineral De-Watering

A separate permit will be required to apply water to beneficial use.

☐ Temporary Request - Requested Start Date:

Requested End Date:

Plugging Plan of Operations Submitted? ☐ Yes ☒ No

1. APPLICANT(S)

Name: Southwest Salt Company, LLC	Name:
Contact or Agent: check here if Agent <input checked="" type="checkbox"/> Morris T. Worley	Contact or Agent: check here if Agent <input type="checkbox"/>
Mailing Address: 701 Winged Foot Drive	Mailing Address:
City: Carlsbad	City:
State: NM Zip Code: 88220	State: Zip Code:
Phone: 575-885-8367 <input checked="" type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work): Same	Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work):
E-mail (optional): minersroost@asia.com	E-mail (optional):

FOR OSE INTERNAL USE

Application for Permit, Form wr-07, Rev 4/12/12

File Number: C-3615	Trn Number: 524242
Trans Description (optional): POD 1, 2	
Sub-Basin:	
PCW/LOG Due Date: 3-31-14	

Page 1 of 4

MAR - 8 - 2013 3:45

STATE ENGINEER OFFICE
ROSWELL

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).
District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☐ NM State Plane (NAD83) (Feet)
 ☐ UTM (NAD83) (Meters)
 ☒ Lat/Long (WGS84) (to the nearest 1/10th of second)

☐ NM West Zone
 ☐ Zone 12N

☐ NM East Zone
 ☐ Zone 13N

☐ NM Central Zone

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
SWS-1 C-3615 POD1	104o 01' 25.420" w	32o 14' 57.948" n	SWNE Sec.6, T24S, R29E
SWS-2 C-3615 POD2	104o 00' 59.000" w	32o 14' 42.000" n	NESE Sec.6, T24S, R29E

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)
Additional well descriptions are attached: ☐ Yes ☒ No If yes, how many _____

Other description relating well to common landmarks, streets, or other: The salt facility is located on Harroun Road, 4 miles northeast of Malaga, NM.

Well is on land owned by: Southwest Salt Company, Llc

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? ☐ Yes ☐ No
If yes, how many _____

Approximate depth of well (feet): 100.00 Outside diameter of well casing (inches): 2.00

Driller Name: Taylor Well Service Driller License Number: WD-1348

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

Southwest Salt is operating its facility under a discharge permit (DP-1754) from NMED. The permit requires two monitor wells at locations that have been approved by NMED. They are to remain open during the life of the facility and will be sampled at six-month intervals.

STATE ENGINEER OFFICE
 ROSWELL, NM 80201
 2013 MAR - 8 PM 3:15

FOR USE INTERNAL USE

Application for Permit, Form wr-07

File Number:

C-3615

Trn Number:

524242

Page 2 of 4

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory: <input type="checkbox"/> Include a description of any proposed pump test, if applicable.	Pollution Control and/or Recovery: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for the pollution control or recovery operation. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The annual diversion amount. <input type="checkbox"/> The annual consumptive use amount. <input type="checkbox"/> The maximum amount of water to be diverted and injected for the duration of the operation. <input type="checkbox"/> The method and place of discharge.	Construction De-Watering: <input type="checkbox"/> Include a description of the proposed dewatering operation, <input type="checkbox"/> The estimated duration of the operation, <input type="checkbox"/> The maximum amount of water to be diverted, <input type="checkbox"/> A description of the need for the dewatering operation, and, <input type="checkbox"/> A description of how the diverted water will be disposed of.	Mine De-Watering: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for mine dewatering. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The source(s) of the water to be diverted. <input type="checkbox"/> The geohydrologic characteristics of the aquifer(s). <input type="checkbox"/> The maximum amount of water to be diverted per annum. <input type="checkbox"/> The maximum amount of water to be diverted for the duration of the operation. <input type="checkbox"/> The quality of the water.
Monitoring: <input checked="" type="checkbox"/> Include the reason for the monitoring well, and, <input checked="" type="checkbox"/> The duration of the planned monitoring.	<input type="checkbox"/> The method of measurement of water produced and discharged. <input type="checkbox"/> The source of water to be injected. <input type="checkbox"/> The method of measurement of water injected. <input type="checkbox"/> The characteristics of the aquifer. <input type="checkbox"/> The method of determining the resulting annual consumptive use of water and depletion from any related stream system. <input type="checkbox"/> Proof of any permit required from the New Mexico Environment Department. <input type="checkbox"/> An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	Geo-Thermal: <input type="checkbox"/> Include a description of the geothermal heat exchange project, <input type="checkbox"/> The amount of water to be diverted and re-injected for the project, <input type="checkbox"/> The time frame for constructing the geothermal heat exchange project, and, <input type="checkbox"/> The duration of the project. <input type="checkbox"/> Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	<input type="checkbox"/> The method of measurement of water diverted. <input type="checkbox"/> The recharge of water to the aquifer. <input type="checkbox"/> Description of the estimated area of hydrologic effect of the project. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. <input type="checkbox"/> A description of the methods employed to estimate effects on surface water rights and underground water rights. <input type="checkbox"/> Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Morris T. Worley, agent for Southwest Salt Company, LLC

Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

☒ approved

☐ partially approved

☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 13th day of March 20 13, for the State Engineer,

Scott A Verhines, P.E., State Engineer

By: Tim Williams
Signature

Print

Title: Tim Williams

FOR OSE INTERNAL USE

Application for Permit, Form wr-07

File Number: C-3615

Trn Number: 524242

Page 3 of 4

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO ~~EXPLORE~~ MONITOR

SPECIFIC CONDITIONS OF APPROVAL

- 1A Depth of the well shall not exceed the thickness of the valley fill.
- 4 No water shall be appropriated and beneficially used under this permit.
- 7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated.
- C Driller's well record must be filed with the State Engineer within 20 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.
- C2 No water shall be diverted from this well except for testing purposes which shall not exceed : ten (10) cumulative days, and well shall be plugged or capped on or before , unless a permit to use water from this well is acquired from the Office of the State Engineer.
- LOG The Point of Diversion C 03615 POD1 must be completed and the Well Log filed on or before 03/31/2014.
- LOG The Point of Diversion C 03615 POD2 must be completed and the Well Log filed on or before 03/31/2014.

Trn Desc: C-3615 MONITOR

File Number: C 03615

Trn Number: 524242

page: 1

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO ~~EXPLORE~~ MONITOR

ACTION OF STATE ENGINEER

Notice of Intention Rcvd: Date Rcvd. Corrected:
Formal Application Rcvd: 03/08/2013 Pub. of Notice Ordered:
Date Returned - Correction: Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 13th day of Mar A.D., 2013

Scott A. Verhines, P.E., State Engineer

By: Tim Williams

Tim Williams

Trn Desc: C-3615 MONITOR

File Number: C 03615

Trn Number: 524242

page: 2

Scott A. Verhines, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 524242
File Nbr: C-3615 POD1, POD2 MONITOR

Mar. 13, 2013

MORRIS T WORLEY
SOUTHWEST SALT COMPANY LLC
701 WINGED FOOT DRIVE
CARLSBAD, NM 88220

Greetings:

Enclosed is your copy of the above numbered permit that has been approved subject to the conditions set forth on the approval page. In accordance with the conditions of approval, the well can only be tested for 10 cumulative days, and the well is to be plugged on or before 03/31/2014, unless a permit to use the water is acquired from this office.

A Well Record & Log (OSE Form wr-20) shall be filed in this office within twenty (20) days after completion of drilling, but no later than 03/31/2014.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us or will be mailed upon request.

Sincerely,

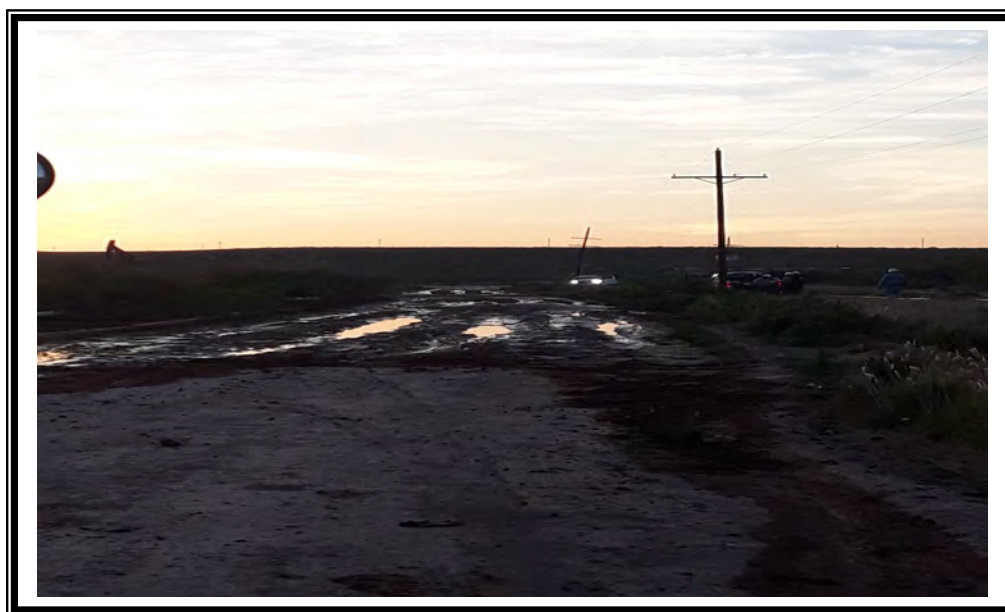
A handwritten signature in black ink, appearing to read "Tim Williams", is written over a printed name and phone number.

Tim Williams
(575) 622-6521

Enclosure



OXY – HEIGHT CC 6-7 FED COM 31H (6/20/19)





OXY – HEIGHT CC 6-7 FED COM 31H (6/20/19)





OXY – HEIGHT CC 6-7 FED COM 31H (6/20/19)





OXY – HEIGHT CC 6-7 FED COM 31H (6/20/19)





OXY – HEIGHT CC 6-7 FED COM 31H (6/20/19)





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OXY – HEIGHT CC 6-7 FED COM 31H (6/20/19)





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

November 01, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: HEIGHT CC 6-7

Enclosed are the results of analyses for samples received by the laboratory on 10/25/23 16:10.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 1 @ 4' (H235860-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.0729	
Toluene*	<0.050	0.050	10/28/2023	ND	2.05	103	2.00	0.533	
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.228	
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.17	103	6.00	0.154	
Total BTEX	<0.300	0.300	10/28/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/30/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 2 @ 4' (H235860-02)

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	10/28/2023	ND	2.02	101	2.00	0.0729		
Toluene*	<0.050	0.050	10/28/2023	ND	2.05	103	2.00	0.533		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.228		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.17	103	6.00	0.154		
Total BTEx	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 3 @ 4' (H235860-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.0729		
Toluene*	<0.050	0.050	10/28/2023	ND	2.05	103	2.00	0.533		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.228		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.17	103	6.00	0.154		
Total BTX	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/30/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 4 @ 4' (H235860-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.0729		
Toluene*	<0.050	0.050	10/28/2023	ND	2.05	103	2.00	0.533		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.228		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.17	103	6.00	0.154		
Total BTEx	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 5 @ 4' (H235860-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.0729		
Toluene*	<0.050	0.050	10/28/2023	ND	2.05	103	2.00	0.533		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.228		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.17	103	6.00	0.154		
Total BTX	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 6 @ 4' (H235860-06)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.0729		
Toluene*	<0.050	0.050	10/28/2023	ND	2.05	103	2.00	0.533		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.228		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.17	103	6.00	0.154		
Total BTX	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 7 @ 4' (H235860-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.0729		
Toluene*	<0.050	0.050	10/28/2023	ND	2.05	103	2.00	0.533		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.228		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.17	103	6.00	0.154		
Total BTEX	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 8 @ 4' (H235860-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.0729		
Toluene*	<0.050	0.050	10/28/2023	ND	2.05	103	2.00	0.533		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.228		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.17	103	6.00	0.154		
Total BTEX	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 9 @ 4' (H235860-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.0729		
Toluene*	<0.050	0.050	10/28/2023	ND	2.05	103	2.00	0.533		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.228		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.17	103	6.00	0.154		
Total BTEx	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 10 @ 4' (H235860-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.0729		
Toluene*	<0.050	0.050	10/28/2023	ND	2.05	103	2.00	0.533		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.228		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.17	103	6.00	0.154		
Total BTEx	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 11 @ 4' (H235860-11)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.0729	
Toluene*	<0.050	0.050	10/28/2023	ND	2.05	103	2.00	0.533	
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.228	
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.17	103	6.00	0.154	
Total BTX	<0.300	0.300	10/28/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 12 @ 4' (H235860-12)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.0729	
Toluene*	<0.050	0.050	10/28/2023	ND	2.05	103	2.00	0.533	
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.228	
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.17	103	6.00	0.154	
Total BTEX	<0.300	0.300	10/28/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	192	95.9	200	6.91	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	193	96.5	200	2.09	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 13 @ 4' (H235860-13)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.0729	
Toluene*	<0.050	0.050	10/28/2023	ND	2.05	103	2.00	0.533	
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.228	
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.17	103	6.00	0.154	
Total BTEX	<0.300	0.300	10/28/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/30/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 14 @ 4' (H235860-14)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.0729	
Toluene*	<0.050	0.050	10/28/2023	ND	2.05	103	2.00	0.533	
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.228	
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.17	103	6.00	0.154	
Total BTEx	<0.300	0.300	10/28/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 15 @ 4' (H235860-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.0729	
Toluene*	<0.050	0.050	10/28/2023	ND	2.05	103	2.00	0.533	
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.228	
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.17	103	6.00	0.154	
Total BTEX	<0.300	0.300	10/28/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 16 @ 4' (H235860-16)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2023	ND	2.02	101	2.00	0.0729	
Toluene*	<0.050	0.050	10/28/2023	ND	2.05	103	2.00	0.533	
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.228	
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.17	103	6.00	0.154	
Total BTEX	<0.300	0.300	10/28/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 17 @ 4' (H235860-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2023	ND	2.02	101	2.00	0.0729	
Toluene*	<0.050	0.050	10/29/2023	ND	2.05	103	2.00	0.533	
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.06	103	2.00	0.228	
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.17	103	6.00	0.154	
Total BTEx	<0.300	0.300	10/29/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 18 @ 4' (H235860-18)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2023	ND	2.02	101	2.00	0.0729	
Toluene*	<0.050	0.050	10/29/2023	ND	2.05	103	2.00	0.533	
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.06	103	2.00	0.228	
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.17	103	6.00	0.154	
Total BTEx	<0.300	0.300	10/29/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 19 @ 4' (H235860-19)

BTEx 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2023	ND	2.02	101	2.00	0.245	QR-03
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484	QR-03
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200	QR-03
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455	QR-03
Total BTEX	<0.300	0.300	10/29/2023	ND					

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

Chloride, SM4500CI-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	7.41	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 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: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 20 @ 4' (H235860-20)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2023	ND	2.02	101	2.00	0.245	
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484	
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200	
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455	
Total BTEX	<0.300	0.300	10/29/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 21 @ 4' (H235860-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2023	ND	2.02	101	2.00	0.245	
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484	
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200	
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455	
Total BTEx	<0.300	0.300	10/29/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 22 @ 4' (H235860-22)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2023	ND	2.02	101	2.00	0.245	
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484	
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200	
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455	
Total BTX	<0.300	0.300	10/29/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 23 @ 4' (H235860-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/29/2023	ND	2.02	101	2.00	0.245		
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484		
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200		
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455		
Total BTEX	<0.300	0.300	10/29/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 24 @ 4' (H235860-24)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2023	ND	2.02	101	2.00	0.245	
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484	
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200	
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455	
Total BTEX	<0.300	0.300	10/29/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 25 @ 4' (H235860-25)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2023	ND	2.02	101	2.00	0.245	
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484	
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200	
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455	
Total BTEx	<0.300	0.300	10/29/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 26 @ 4' (H235860-26)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2023	ND	2.02	101	2.00	0.245	
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484	
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200	
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455	
Total BTX	<0.300	0.300	10/29/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 27 @ 4' (H235860-27)

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	10/29/2023	ND	2.02	101	2.00	0.245		
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484		
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200		
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455		
Total BTEx	<0.300	0.300	10/29/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 28 @ 4' (H235860-28)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2023	ND	2.02	101	2.00	0.245	
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484	
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200	
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455	
Total BTX	<0.300	0.300	10/29/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 29 @ 4' (H235860-29)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2023	ND	2.02	101	2.00	0.245	
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484	
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200	
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455	
Total BTX	<0.300	0.300	10/29/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 30 @ 4' (H235860-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/29/2023	ND	2.02	101	2.00	0.245		
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484		
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200		
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455		
Total BTEx	<0.300	0.300	10/29/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 31 @ 4' (H235860-31)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2023	ND	2.02	101	2.00	0.245	
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484	
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200	
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455	
Total BTX	<0.300	0.300	10/29/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 32 @ 4' (H235860-32)

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	10/29/2023	ND	2.02	101	2.00	0.245		
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484		
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200		
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455		
Total BTEX	<0.300	0.300	10/29/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	162	80.8	200	0.618	
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	171	85.4	200	1.15	
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 33 @ 4' (H235860-33)

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	10/29/2023	ND	2.02	101	2.00	0.245	
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484	
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200	
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455	
Total BTEX	<0.300	0.300	10/29/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 34 @ 4' (H235860-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/29/2023	ND	2.02	101	2.00	0.245		
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484		
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200		
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455		
Total BTEx	<0.300	0.300	10/29/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 35 @ 4' (H235860-35)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/29/2023	ND	2.02	101	2.00	0.245	
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484	
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200	
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455	
Total BTEx	<0.300	0.300	10/29/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 36 @ 4' (H235860-36)

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	10/29/2023	ND	2.02	101	2.00	0.245	
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484	
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200	
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455	
Total BTEX	<0.300	0.300	10/29/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 37 @ 4' (H235860-37)

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	10/29/2023	ND	2.02	101	2.00	0.245	
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484	
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200	
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455	
Total BTEX	<0.300	0.300	10/29/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 38 @ 4' (H235860-38)

BTEx 8021B			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/29/2023	ND	2.02	101	2.00	0.245		
Toluene*	<0.050	0.050	10/29/2023	ND	2.08	104	2.00	0.484		
Ethylbenzene*	<0.050	0.050	10/29/2023	ND	2.07	104	2.00	0.200		
Total Xylenes*	<0.150	0.150	10/29/2023	ND	6.23	104	6.00	0.455		
Total BTEx	<0.300	0.300	10/29/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/30/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 39 @ 4' (H235860-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEx	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 40 @ 4' (H235860-40)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/27/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/27/2023	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 41 @ 4' (H235860-41)

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	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEx	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Analytical Results For:

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Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 42 @ 4' (H235860-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEx	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Analytical Results For:

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Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 43 @ 4' (H235860-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEx	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/28/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Analytical Results For:

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Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 44 @ 4' (H235860-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEx	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	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	10/28/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 45 @ 4' (H235860-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEx	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	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	10/28/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND					

Surrogate: 1-Chlorooctane 65.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 46 @ 4' (H235860-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEx	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	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	10/28/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 47 @ 4' (H235860-47)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEX	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	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	10/28/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 48 @ 4' (H235860-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEx	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	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	10/28/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 49 @ 4' (H235860-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEx	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/30/2023	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	10/28/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 50 @ 4' (H235860-50)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEx	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/30/2023	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	10/28/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 51 @ 4' (H235860-51)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/28/2023	ND	1.98	99.0	2.00	3.08	
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569	
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31	
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27	
Total BTX	<0.300	0.300	10/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/30/2023	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	10/28/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 52 @ 4' (H235860-52)

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	10/28/2023	ND	1.98	99.0	2.00	3.08	
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569	
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31	
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27	
Total BTEX	<0.300	0.300	10/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/30/2023	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	10/28/2023	ND	171	85.3	200	2.97	
DRO >C10-C28*	<10.0	10.0	10/28/2023	ND	159	79.4	200	2.72	
EXT DRO >C28-C36	<10.0	10.0	10/28/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 53 @ 4' (H235860-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEx	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/30/2023	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	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 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: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 54 @ 4' (H235860-54)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEx	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/30/2023	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	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 55 @ 4' (H235860-55)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEx	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	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	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 70.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 56 @ 4' (H235860-56)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEx	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	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	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 57 @ 4' (H235860-57)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEx	<0.300	0.300	10/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/30/2023	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	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 58 @ 4' (H235860-58)

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	10/28/2023	ND	1.98	99.0	2.00	3.08		
Toluene*	<0.050	0.050	10/28/2023	ND	2.06	103	2.00	0.569		
Ethylbenzene*	<0.050	0.050	10/28/2023	ND	2.24	112	2.00	1.31		
Total Xylenes*	<0.150	0.150	10/28/2023	ND	6.75	113	6.00	2.27		
Total BTEX	<0.300	0.300	10/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	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	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Analytical Results For:

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Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 59 @ 4' (H235860-59)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.89	94.6	2.00	5.63	QR-03	
Toluene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	6.24	QR-03	
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	4.90	QR-03	
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.90	98.3	6.00	4.10		
Total BTX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	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	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 60 @ 4' (H235860-60)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.89	94.6	2.00	5.63		
Toluene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	6.24		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	4.90		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.90	98.3	6.00	4.10		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	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	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Analytical Results For:

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Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 61 @ 4' (H235860-61)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.89	94.6	2.00	5.63		
Toluene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	6.24		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	4.90		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.90	98.3	6.00	4.10		
Total BTX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 62 @ 4' (H235860-62)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.89	94.6	2.00	5.63		
Toluene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	6.24		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	4.90		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.90	98.3	6.00	4.10		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/30/2023	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 63 @ 4' (H235860-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.89	94.6	2.00	5.63		
Toluene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	6.24		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	4.90		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.90	98.3	6.00	4.10		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/30/2023	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 64 @ 4' (H235860-64)

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	10/30/2023	ND	1.89	94.6	2.00	5.63		
Toluene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	6.24		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	4.90		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.90	98.3	6.00	4.10		
Total BTEx	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 65 @ 4' (H235860-65)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.89	94.6	2.00	5.63		
Toluene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	6.24		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	4.90		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.90	98.3	6.00	4.10		
Total BTEX	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/30/2023	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 66 @ 4' (H235860-66)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.89	94.6	2.00	5.63		
Toluene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	6.24		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	4.90		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.90	98.3	6.00	4.10		
Total BTX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 67 @ 4' (H235860-67)

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	10/30/2023	ND	1.89	94.6	2.00	5.63	
Toluene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	6.24	
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	4.90	
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.90	98.3	6.00	4.10	
Total BTEX	<0.300	0.300	10/30/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/30/2023	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 68 @ 4' (H235860-68)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.89	94.6	2.00	5.63		
Toluene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	6.24		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	4.90		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.90	98.3	6.00	4.10		
Total BTX	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/30/2023	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 69 @ 4' (H235860-69)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.89	94.6	2.00	5.63		
Toluene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	6.24		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	4.90		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.90	98.3	6.00	4.10		
Total BTX	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 70 @ 4' (H235860-70)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55		
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 71 @ 4' (H235860-71)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55		
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 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: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 72 @ 4' (H235860-72)

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	10/30/2023	ND	1.85	92.7	2.00	8.55		
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	187	93.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	176	88.0	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 73 @ 4' (H235860-73)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55		
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 74 @ 4' (H235860-74)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55	
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90	
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56	
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36	
Total BTEX	<0.300	0.300	10/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/30/2023	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 75 @ 4' (H235860-75)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55	
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90	
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56	
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36	
Total BTEX	<0.300	0.300	10/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 67.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.7 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 76 @ 4' (H235860-76)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55		
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Analytical Results For:

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Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 77 @ 4' (H235860-77)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55		
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 78 @ 4' (H235860-78)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55		
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36		
Total BTEx	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 70.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 79 @ 4' (H235860-79)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55	QR-03	
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90	QR-03	
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56	QR-03	
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36	QR-03	
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 80 @ 4' (H235860-80)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55		
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36		
Total BTX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 81 @ 4' (H235860-81)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55		
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36		
Total BTX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/30/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 82 @ 4' (H235860-82)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55	
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90	
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56	
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36	
Total BTX	<0.300	0.300	10/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 83 @ 4' (H235860-83)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55		
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36		
Total BTEx	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 84 @ 4' (H235860-84)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55		
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36		
Total BTEx	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/30/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 85 @ 4' (H235860-85)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55		
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 86 @ 4' (H235860-86)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55		
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/30/2023	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 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: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/19/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 87 @ 4' (H235860-87)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55		
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 88 @ 4' (H235860-88)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55	
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90	
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56	
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36	
Total BTEX	<0.300	0.300	10/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 89 @ 4' (H235860-89)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.85	92.7	2.00	8.55		
Toluene*	<0.050	0.050	10/30/2023	ND	1.99	99.3	2.00	3.90		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.00	99.9	2.00	3.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.97	99.6	6.00	3.36		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/30/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 90 @ 4' (H235860-90)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/30/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST													
Project Manager: Cliff Brunson				P.O. #:																	
Address: P.O. Box 805				Company: Oxy																	
City: Hobbs				Attn:																	
State: NM Zip: 88241				Address:																	
Phone #: 575-397-6388 Fax #: 575-397-0397				City:																	
Project #:				State:																	
Project Location: New Mexico				Phone #:																	
Sample Name: <i>Suncoke</i>				Fax #:																	
<small>FOR LAB USE ONLY</small>				MATRIX				SAMPLING													
Lab I.D. Sample I.D.				(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER WASTEWATER		SOIL OIL SLUDGE OTHER :		ACID/BASE: ICE / COOL OTHER :		DATE		TIME		TPH BTEX CE			
<i>H235860</i>				<i>Bottom 21 @ 4'</i>		<i>61</i>		<i>✓</i>				<i>✓</i>		<i>10/19/73</i>		<i>1040</i>		<i>✓</i>			
<i>21</i>				<i>22 @ 4'</i>		<i>61</i>		<i>✓</i>				<i>✓</i>		<i>10/19/73</i>		<i>1045</i>		<i>✓</i>			
<i>22</i>				<i>23 @ 4'</i>		<i>61</i>		<i>✓</i>				<i>✓</i>		<i>10/19/73</i>		<i>1050</i>		<i>✓</i>			
<i>23</i>				<i>24 @ 4'</i>		<i>61</i>		<i>✓</i>				<i>✓</i>		<i>10/19/73</i>		<i>1055</i>		<i>✓</i>			
<i>24</i>				<i>25 @ 4'</i>		<i>61</i>		<i>✓</i>				<i>✓</i>		<i>10/19/73</i>		<i>1100</i>		<i>✓</i>			
<i>25</i>				<i>26 @ 4'</i>		<i>61</i>		<i>✓</i>				<i>✓</i>		<i>10/19/73</i>		<i>1105</i>		<i>✓</i>			
<i>26</i>				<i>27 @ 4'</i>		<i>61</i>		<i>✓</i>				<i>✓</i>		<i>10/19/73</i>		<i>1110</i>		<i>✓</i>			
<i>27</i>				<i>28 @ 4'</i>		<i>61</i>		<i>✓</i>				<i>✓</i>		<i>10/19/73</i>		<i>1115</i>		<i>✓</i>			
<i>28</i>				<i>29 @ 4'</i>		<i>61</i>		<i>✓</i>				<i>✓</i>		<i>10/19/73</i>		<i>1120</i>		<i>✓</i>			
<i>29</i>				<i>30 @ 4'</i>		<i>61</i>		<i>✓</i>				<i>✓</i>		<i>10/19/73</i>		<i>1125</i>		<i>✓</i>			
<i>30</i>																					

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Relinquished By: _____		Date: _____		Received By: _____		Date: _____	
Time: _____		Time: _____		Time: _____		Time: _____	
Reinquinshed By: _____		Date: _____		Received By: _____		Date: _____	
Time: _____		Time: _____		Time: _____		Time: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____		Sample Condition: <input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		CHECKED BY: (Initials) _____		PHONE RESULT: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
-4.3°C		#140		REMARKS:		Add'l Phone #:	
						Add'l Fax #:	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.			P.O. #:			ANALYSIS REQUEST		
Project Manager: Cliff Brunson			Company: Oxy					
Address: P.O. Box 805			Attn:					
City: Hobbs			Address:					
Phone #: 575-397-6388			City:					
Project #:			State: Zip:					
Project Name:			Phone #:					
Project Location: New Mexico			Fax #:					
Sample Name:			PRESERV.					
FOR LAB USE ONLY			SAMPLING					
Lab I.D.			DATE					
Sample I.D.			TIME					
(G)RAB OR (C)OMP.								
# CONTAINERS								
GROUNDWATER								
WASTEWATER								
SOIL								
OIL								
SLUDGE								
OTHER :								
ACID/BASE:								
ICE / COOL								
OTHER :								
DATE								
TIME								
TPH								
BTEX								
CL								



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.						
Project Manager: Cliff Brunson						
Address: P.O. Box 805						
City: Hobbs						
State: NM Zip: 88241						
Phone #: 575-397-6388 Fax #: 575-397-0397						
Project #:						
Project Owner: Oxy						
Project Location: New Mexico						
Sample Name:						
FOR LAB USE ONLY						
Lab I.D.						
Sample I.D.						
(G)RAB OR (C)OMP.						
# CONTAINERS						
GROUNDWATER						
WASTEWATER						
SOIL						
OIL						
SLUDGE						
OTHER :						
ACID/BASE:						
ICE / COOL						
OTHER :						
DATE						
TIME						
TPH						
BTEX						
CL-						

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

Matrix						
PRESERV.						
SAMPLING						

Relinquished By:						
Date:	Received By:					
Time:						

Date: 10-25-23 Received By: [Signature]						
Time: 1410 Sample Condition: Cool Intact Yes No						
CHECKED BY: [Initials]						

REMARKS:						
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.										BILL TO										ANALYSIS REQUEST									
Project Manager: Cliff Brunson										P.O. #:																			
Address: P.O. Box 805										Company: Oxy																			
City: Hobbs										Attn:																			
State: NM Zip: 88241										Address:																			
Phone #: 575-397-6388										City:																			
Project #:										State: Zip:																			
Project Name:										Phone #:																			
Project Location: New Mexico										Fax #:																			
Sample Name: <i>Sample</i>										MATRIX										PRESERV									
FOR LAB USE ONLY										GROUNDWATER										SAMPLING									
										WASTEWATER																			
										SOIL																			
										OIL																			
										SLUDGE																			
										OTHER :																			
										ACID/BASE:																			
										ICE / COOL																			
										OTHER :																			
Lab I.D.										(G)RAB OR (C)OMP.																			
Sample I.D.										# CONTAINERS																			
<i>H235840</i>																													
<i>51 Bottom 51' 4'</i>										<i>1</i>										<i>10/19/23 1/10</i>									
<i>52</i>										<i>1</i>										<i>10/19/23 1/15</i>									
<i>53</i>										<i>1</i>										<i>10/19/23 1/20</i>									
<i>54</i>										<i>1</i>										<i>10/19/23 1/25</i>									
<i>55</i>										<i>1</i>										<i>10/19/23 1/30</i>									
<i>56</i>										<i>1</i>										<i>10/19/23 1/35</i>									
<i>57</i>										<i>1</i>										<i>10/19/23 1/40</i>									
<i>58</i>										<i>1</i>										<i>10/19/23 1/45</i>									
<i>59</i>										<i>1</i>										<i>10/19/23 1/50</i>									
<i>60</i>										<i>1</i>										<i>10/19/23 1/55</i>									
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Relinquished By: <i>James Brunson</i>										Date: <i>10-25-23</i>										Received By: <i>James Brunson</i>									
Time: <i>10:10</i>										Date: <i>10-25-23</i>										Received By: <i>James Brunson</i>									
Relinquished By: <i>James Brunson</i>										Date: <i>10-25-23</i>										Received By: <i>James Brunson</i>									
Delivered By: (Circle One) <i>UPS</i>										Time: <i>10:10</i>										Sample Condition: <i>Intact</i>									
Sampler - UPS - Bus - Other: <i>4.3'</i>										Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No										CHECKED BY: <i>James Brunson</i>									
										Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No										Add'l Phone #:									
										Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No										Add'l Fax #:									
REMARKS:																													



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST																															
Project Manager: Cliff Brunson				P.O. #:																																			
Address: P.O. Box 805				Company: Oxy																																			
City: Hobbs				Attn:																																			
State: NM Zip: 88241				Address:																																			
Phone #: 575-397-6388 Fax #: 575-397-0397				City:																																			
Project #:				State: Zip:																																			
Project Name: HEIGHT CC 6-7				Phone #:																																			
Project Location: New Mexico				Fax #:																																			
Sampler Name: Susan Rumbin				FOR LAB USE ONLY																																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		TPH		BTEX		CL					
H235860		61 @ 4'		G		1		V		V		V		V		V		V		V		V		V		10.19.73		200		V		V		V					
62		62 @ 4'		G		1		V		V		V		V		V		V		V		V		V		10.19.73		205		V		V		V					
63		63 @ 4'		G		1		V		V		V		V		V		V		V		V		V		10.19.73		210		V		V		V					
64		64 @ 4'		G		1		V		V		V		V		V		V		V		V		V		10.19.73		215		V		V		V					
65		65 @ 4'		G		1		V		V		V		V		V		V		V		V		V		10.19.73		290		V		V		V					
66		66 @ 4'		G		1		V		V		V		V		V		V		V		V		V		10.19.73		295		V		V		V					
67		67 @ 4'		G		1		V		V		V		V		V		V		V		V		V		10.19.73		300		V		V		V					
68		68 @ 4'		G		1		V		V		V		V		V		V		V		V		V		10.19.73		235		V		V		V					
69		69 @ 4'		G		1		V		V		V		V		V		V		V		V		V		10.19.73		240		V		V		V					
70		70 @ 4'		G		1		V		V		V		V		V		V		V		V		V		10.19.73		245		V		V		V					
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Relinquished By: Susan Rumbin				Date: 10-25-23				Received By: [Signature]				Date: 10-25-23				Time: 1410				Sample Condition: Cool Intact Yes [X] No []				CHECKED BY: [Signature]				Phone Result: [] Yes [] No [] Add'l Phone #: []				Fax Result: [] Yes [] No [] Add'l Fax #: []				REMARKS:			
Delivered By: [Signature]				Date: 10-25-23				Received By: [Signature]				Date: 10-25-23				Time: 1410				Sample Condition: Cool Intact Yes [X] No []				CHECKED BY: [Signature]				Phone Result: [] Yes [] No [] Add'l Phone #: []				Fax Result: [] Yes [] No [] Add'l Fax #: []				REMARKS:			
Sampler - UPS - Bus - Other: -4.3a				Date: 10-25-23				Received By: [Signature]				Date: 10-25-23				Time: 1410				Sample Condition: Cool Intact Yes [X] No []				CHECKED BY: [Signature]				Phone Result: [] Yes [] No [] Add'l Phone #: []				Fax Result: [] Yes [] No [] Add'l Fax #: []				REMARKS:			



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:					
Project Manager:					
Address:					
City:					
Phone #:					
Project #:					
Project Location:					
Sampler Name:					
FOR LAB USE ONLY					
Lab I.D.					
Sample I.D.					
(G)RAB OR (C)OMP					
# CONTAINERS					
GROUNDWATER					
WASTEWATER					
SOIL					
OIL					
SLUDGE					
OTHER :					
ACID/BASE:					
ICE / COOL					
OTHER :					
MATRIX	PRESERV	SAMPLING			
Date	Time				
TYPH	BTEX	CL			

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST														
Project Manager: Cliff Brunson		P.O. #:																
Address: P.O. Box 805		Company: Oxy																
City: Hobbs		Attn:																
Phone #: 575-397-6388		Address:																
Fax #: 575-397-0397		City:																
Project #:		State: Zip:																
Project Name:		Phone #:																
Project Location: New Mexico		Fax #:																
Sampler Name: <i>Summa Rubber</i>																		
FOR LAB USE ONLY																		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING								
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME				
<i>H235360</i>	<i>Bottom 61 @ 4'</i>	<i>G 1</i>	<i>1</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>10.19.13</i>	<i>340</i>	<i>✓</i>	<i>TPH</i>	<i>✓</i>	
<i>81</i>	<i>Bottom 62 @ 4'</i>	<i>G 1</i>	<i>1</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>10.19.13</i>	<i>345</i>	<i>✓</i>	<i>BTEX</i>	<i>✓</i>	
<i>82</i>	<i>Bottom 63 @ 4'</i>	<i>G 1</i>	<i>1</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>10.19.13</i>	<i>350</i>	<i>✓</i>	<i>CL</i>	<i>✓</i>	
<i>83</i>	<i>Bottom 64 @ 4'</i>	<i>G 1</i>	<i>1</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>10.19.13</i>	<i>355</i>	<i>✓</i>		<i>✓</i>	
<i>84</i>	<i>Bottom 65 @ 4'</i>	<i>G 1</i>	<i>1</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>10.19.13</i>	<i>400</i>	<i>✓</i>		<i>✓</i>	
<i>85</i>	<i>Bottom 66 @ 4'</i>	<i>G 1</i>	<i>1</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>10.19.13</i>	<i>405</i>	<i>✓</i>		<i>✓</i>	
<i>86</i>	<i>Bottom 67 @ 4'</i>	<i>G 1</i>	<i>1</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>10.19.13</i>	<i>410</i>	<i>✓</i>		<i>✓</i>	
<i>87</i>	<i>Bottom 68 @ 4'</i>	<i>G 1</i>	<i>1</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>10.19.13</i>	<i>900</i>	<i>✓</i>		<i>✓</i>	
<i>88</i>	<i>Bottom 69 @ 4'</i>	<i>G 1</i>	<i>1</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>10.19.13</i>	<i>905</i>	<i>✓</i>		<i>✓</i>	
<i>89</i>	<i>Bottom 70 @ 4'</i>	<i>G 1</i>	<i>1</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>10.19.13</i>	<i>910</i>	<i>✓</i>		<i>✓</i>	
<i>90</i>	<i>Bottom 71 @ 4'</i>	<i>G 1</i>	<i>1</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>10.19.13</i>	<i>915</i>	<i>✓</i>		<i>✓</i>	

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Relinquished By: <i>Summa Rubber</i>	Date: _____	Received By: <i>Summa Rubber</i>	Date: _____
Time: _____	Time: _____	Time: _____	Time: _____
Delivered By: <i>Summa Rubber</i>	Date: <i>10-25-23</i>	Received By: <i>Summa Rubber</i>	Date: _____
Time: <i>1410</i>	Time: _____	Time: _____	Time: _____
Sample Condition: <i>Intact</i>	Sample Condition: <i>Intact</i>	Sample Condition: <i>Intact</i>	Sample Condition: <i>Intact</i>
Cool: <i>Yes</i>	Cool: <i>Yes</i>	Cool: <i>Yes</i>	Cool: <i>Yes</i>
Intact: <i>Yes</i>	Intact: <i>Yes</i>	Intact: <i>Yes</i>	Intact: <i>Yes</i>
Checked By: <i>Summa Rubber</i>	Checked By: <i>Summa Rubber</i>	Checked By: <i>Summa Rubber</i>	Checked By: <i>Summa Rubber</i>
(Initials)	(Initials)	(Initials)	(Initials)
Sampler - UPS - Bus - Other: <i>- 6.3c</i>	Sampler - UPS - Bus - Other: <i>- 6.3c</i>	Sampler - UPS - Bus - Other: <i>- 6.3c</i>	Sampler - UPS - Bus - Other: <i>- 6.3c</i>

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

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



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

November 01, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: HEIGHT CC 6-7

Enclosed are the results of analyses for samples received by the laboratory on 10/25/23 16:10.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 91 @ 4' (H235861-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21	
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44	
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17	
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43	
Total BTEX	<0.300	0.300	10/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 92 @ 4' (H235861-02)

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	10/30/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43		
Total BTEx	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	180	89.9	200	1.39	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	191	95.5	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 93 @ 4' (H235861-03)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21	
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44	
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17	
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43	
Total BTX	<0.300	0.300	10/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 94 @ 4' (H235861-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21	
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44	
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17	
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43	
Total BTEX	<0.300	0.300	10/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 95 @ 4' (H235861-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43		
Total BTEx	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 96 @ 4' (H235861-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 97 @ 4' (H235861-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43		
Total BTEx	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 98 @ 4' (H235861-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43		
Total BTEx	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 99 @ 4' (H235861-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43		
Total BTEx	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 49.1-148

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Analytical Results For:

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Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 100 @ 4' (H235861-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43		
Total BTEx	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 49.1-148

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Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 101 @ 4' (H235861-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21	
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44	
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17	
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43	
Total BTEX	<0.300	0.300	10/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 72.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 102 @ 4' (H235861-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43		
Total BTEx	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 103 @ 4' (H235861-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 104 @ 4' (H235861-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 105 @ 4' (H235861-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43		
Total BTEx	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 106 @ 4' (H235861-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 107 @ 4' (H235861-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43		
Total BTEX	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 108 @ 4' (H235861-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 109 @ 4' (H235861-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	10/30/2023	ND	1.97	98.3	2.00	2.44		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	1.95	97.7	2.00	3.17		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.66	94.3	6.00	3.43		
Total BTEx	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 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: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 110 @ 4' (H235861-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	2.19		
Toluene*	<0.050	0.050	10/30/2023	ND	2.01	100	2.00	2.18		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.01	101	2.00	2.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.99	99.9	6.00	2.74		
Total BTEX	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 111 @ 4' (H235861-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	2.19		
Toluene*	<0.050	0.050	10/30/2023	ND	2.01	100	2.00	2.18		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.01	101	2.00	2.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.99	99.9	6.00	2.74		
Total BTEx	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 112 @ 4' (H235861-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	2.19	
Toluene*	<0.050	0.050	10/30/2023	ND	2.01	100	2.00	2.18	
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.01	101	2.00	2.56	
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.99	99.9	6.00	2.74	
Total BTEX	<0.300	0.300	10/30/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/31/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	187	93.4	200	0.985	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	187	93.7	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 113 @ 4' (H235861-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	2.19		
Toluene*	<0.050	0.050	10/30/2023	ND	2.01	100	2.00	2.18		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.01	101	2.00	2.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.99	99.9	6.00	2.74		
Total BTEX	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 114 @ 4' (H235861-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	2.19		
Toluene*	<0.050	0.050	10/30/2023	ND	2.01	100	2.00	2.18		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.01	101	2.00	2.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.99	99.9	6.00	2.74		
Total BTEx	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 115 @ 4' (H235861-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	2.19		
Toluene*	<0.050	0.050	10/30/2023	ND	2.01	100	2.00	2.18		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.01	101	2.00	2.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.99	99.9	6.00	2.74		
Total BTEX	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 69.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 116 @ 4' (H235861-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	2.19		
Toluene*	<0.050	0.050	10/30/2023	ND	2.01	100	2.00	2.18		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.01	101	2.00	2.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.99	99.9	6.00	2.74		
Total BTEX	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 71.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 117 @ 4' (H235861-27)

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	10/30/2023	ND	1.95	97.5	2.00	2.19		
Toluene*	<0.050	0.050	10/30/2023	ND	2.01	100	2.00	2.18		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.01	101	2.00	2.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.99	99.9	6.00	2.74		
Total BTEx	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 118 @ 4' (H235861-28)

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	10/30/2023	ND	1.95	97.5	2.00	2.19		
Toluene*	<0.050	0.050	10/30/2023	ND	2.01	100	2.00	2.18		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.01	101	2.00	2.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.99	99.9	6.00	2.74		
Total BTEX	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 69.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.2 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 119 @ 4' (H235861-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	2.19		
Toluene*	<0.050	0.050	10/30/2023	ND	2.01	100	2.00	2.18		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.01	101	2.00	2.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.99	99.9	6.00	2.74		
Total BTEx	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 120 @ 4' (H235861-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	2.19		
Toluene*	<0.050	0.050	10/30/2023	ND	2.01	100	2.00	2.18		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.01	101	2.00	2.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.99	99.9	6.00	2.74		
Total BTEX	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 121 @ 4' (H235861-31)

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	10/30/2023	ND	1.95	97.5	2.00	2.19		
Toluene*	<0.050	0.050	10/30/2023	ND	2.01	100	2.00	2.18		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.01	101	2.00	2.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.99	99.9	6.00	2.74		
Total BTEX	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 122 @ 4' (H235861-32)

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	10/30/2023	ND	1.95	97.5	2.00	2.19		
Toluene*	<0.050	0.050	10/30/2023	ND	2.01	100	2.00	2.18		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.01	101	2.00	2.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.99	99.9	6.00	2.74		
Total BTEX	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 123 @ 4' (H235861-33)

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	10/30/2023	ND	1.95	97.5	2.00	2.19		
Toluene*	<0.050	0.050	10/30/2023	ND	2.01	100	2.00	2.18		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.01	101	2.00	2.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.99	99.9	6.00	2.74		
Total BTEx	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 124 @ 4' (H235861-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	2.19		
Toluene*	<0.050	0.050	10/30/2023	ND	2.01	100	2.00	2.18		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.01	101	2.00	2.56		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.99	99.9	6.00	2.74		
Total BTEX	<0.300	0.300	10/30/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 125 @ 4' (H235861-35)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/30/2023	ND	1.95	97.5	2.00	2.19	
Toluene*	<0.050	0.050	10/30/2023	ND	2.01	100	2.00	2.18	
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.01	101	2.00	2.56	
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.99	99.9	6.00	2.74	
Total BTEX	<0.300	0.300	10/30/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 65.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 126 @ 4' (H235861-36)

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	10/30/2023	ND	1.95	97.5	2.00	2.19	
Toluene*	<0.050	0.050	10/30/2023	ND	2.01	100	2.00	2.18	
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.01	101	2.00	2.56	
Total Xylenes*	<0.150	0.150	10/30/2023	ND	5.99	99.9	6.00	2.74	
Total BTEX	<0.300	0.300	10/30/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 72.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.4 % 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: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 127 @ 4' (H235861-37)

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	10/31/2023	ND	1.95	97.5	2.00	2.19		
Toluene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	2.18		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	101	2.00	2.56		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.99	99.9	6.00	2.74		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 128 @ 4' (H235861-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.19		
Toluene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	2.18		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	101	2.00	2.56		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.99	99.9	6.00	2.74		
Total BTEx	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 129 @ 4' (H235861-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.19		
Toluene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	2.18		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	101	2.00	2.56		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.99	99.9	6.00	2.74		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 73.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 130 @ 4' (H235861-40)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 131 @ 4' (H235861-41)

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	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEx	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 132 @ 4' (H235861-42)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	178	89.0	200	3.28	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	164	82.2	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 133 @ 4' (H235861-43)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 66.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.3 % 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: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 134 @ 4' (H235861-44)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 135 @ 4' (H235861-45)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 136 @ 4' (H235861-46)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 137 @ 4' (H235861-47)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEx	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 138 @ 4' (H235861-48)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 139 @ 4' (H235861-49)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 140 @ 4' (H235861-50)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEx	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 141 @ 4' (H235861-51)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 142 @ 4' (H235861-52)

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	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 143 @ 4' (H235861-53)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 144 @ 4' (H235861-54)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEx	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 145 @ 4' (H235861-55)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 146 @ 4' (H235861-56)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 147 @ 4' (H235861-57)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 148 @ 4' (H235861-58)

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	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 149 @ 4' (H235861-59)

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	10/31/2023	ND	1.83	91.7	2.00	3.15		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.6	2.00	2.83		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.95	97.5	2.00	2.31		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.90	98.4	6.00	2.19		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 150 @ 4' (H235861-60)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	1.28		
Toluene*	<0.050	0.050	10/30/2023	ND	2.04	102	2.00	0.0898		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.11	105	2.00	2.50		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	6.18	103	6.00	3.67		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 151 @ 4' (H235861-61)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	1.28		
Toluene*	<0.050	0.050	10/30/2023	ND	2.04	102	2.00	0.0898		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.11	105	2.00	2.50		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	6.18	103	6.00	3.67		
Total BTEx	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 152 @ 4' (H235861-62)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	1.28		
Toluene*	<0.050	0.050	10/30/2023	ND	2.04	102	2.00	0.0898		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.11	105	2.00	2.50		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	6.18	103	6.00	3.67		
Total BTEx	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	183	91.7	200	1.70	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	207	103	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 153 @ 4' (H235861-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	1.28		
Toluene*	<0.050	0.050	10/30/2023	ND	2.04	102	2.00	0.0898		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.11	105	2.00	2.50		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	6.18	103	6.00	3.67		
Total BTEx	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 154 @ 4' (H235861-64)

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	10/30/2023	ND	2.10	105	2.00	1.28		
Toluene*	<0.050	0.050	10/30/2023	ND	2.04	102	2.00	0.0898		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.11	105	2.00	2.50		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	6.18	103	6.00	3.67		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 155 @ 4' (H235861-65)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/30/2023	ND	2.10	105	2.00	1.28		
Toluene*	<0.050	0.050	10/30/2023	ND	2.04	102	2.00	0.0898		
Ethylbenzene*	<0.050	0.050	10/30/2023	ND	2.11	105	2.00	2.50		
Total Xylenes*	<0.150	0.150	10/30/2023	ND	6.18	103	6.00	3.67		
Total BTEX	<0.300	0.300	10/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 156 @ 4' (H235861-66)

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	10/31/2023	ND	2.10	105	2.00	1.28		
Toluene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0898		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.11	105	2.00	2.50		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.18	103	6.00	3.67		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 157 @ 4' (H235861-67)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2023	ND	2.10	105	2.00	1.28	
Toluene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0898	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.11	105	2.00	2.50	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.18	103	6.00	3.67	
Total BTX	<0.300	0.300	10/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 158 @ 4' (H235861-68)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.10	105	2.00	1.28		
Toluene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0898		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.11	105	2.00	2.50		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.18	103	6.00	3.67		
Total BTX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 159 @ 4' (H235861-69)

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	10/31/2023	ND	2.10	105	2.00	1.28	
Toluene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0898	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.11	105	2.00	2.50	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.18	103	6.00	3.67	
Total BTEX	<0.300	0.300	10/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 160 @ 4' (H235861-70)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.10	105	2.00	1.28		
Toluene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0898		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.11	105	2.00	2.50		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.18	103	6.00	3.67		
Total BTX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 161 @ 4' (H235861-71)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.10	105	2.00	1.28		
Toluene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0898		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.11	105	2.00	2.50		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.18	103	6.00	3.67		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 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: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 162 @ 4' (H235861-72)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2023	ND	2.10	105	2.00	1.28	
Toluene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0898	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.11	105	2.00	2.50	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.18	103	6.00	3.67	
Total BTX	<0.300	0.300	10/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 163 @ 4' (H235861-73)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.10	105	2.00	1.28		
Toluene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0898		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.11	105	2.00	2.50		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.18	103	6.00	3.67		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 164 @ 4' (H235861-74)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.10	105	2.00	1.28		
Toluene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0898		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.11	105	2.00	2.50		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.18	103	6.00	3.67		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 165 @ 4' (H235861-75)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2023	ND	2.10	105	2.00	1.28	
Toluene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0898	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.11	105	2.00	2.50	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.18	103	6.00	3.67	
Total BTX	<0.300	0.300	10/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 166 @ 4' (H235861-76)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.10	105	2.00	1.28		
Toluene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0898		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.11	105	2.00	2.50		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.18	103	6.00	3.67		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 167 @ 4' (H235861-77)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2023	ND	2.10	105	2.00	1.28	
Toluene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0898	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.11	105	2.00	2.50	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.18	103	6.00	3.67	
Total BTEX	<0.300	0.300	10/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/31/2023	ND	384	96.0	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 168 @ 4' (H235861-78)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.10	105	2.00	1.28		
Toluene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0898		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.11	105	2.00	2.50		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.18	103	6.00	3.67		
Total BTEx	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 169 @ 4' (H235861-79)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.10	105	2.00	1.28		
Toluene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0898		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.11	105	2.00	2.50		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.18	103	6.00	3.67		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 170 @ 4' (H235861-80)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943	QR-03
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22	QR-03
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03	QM-07, QR-03
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08	QM-07, QR-03
Total BTX	<0.300	0.300	10/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/31/2023	ND	384	96.0	400	8.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 171 @ 4' (H235861-81)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943		
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	164	81.9	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	171	85.4	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 172 @ 4' (H235861-82)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943		
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08		
Total BTEx	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 57.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 173 @ 4' (H235861-83)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943		
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08		
Total BTEx	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 69.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 174 @ 4' (H235861-84)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943		
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08		
Total BTEx	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 64.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 175 @ 4' (H235861-85)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943		
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 176 @ 4' (H235861-86)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943		
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 68.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 177 @ 4' (H235861-87)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943		
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08		
Total BTEx	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 71.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 178 @ 4' (H235861-88)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943		
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 66.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 179 @ 4' (H235861-89)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943		
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 180 @ 4' (H235861-90)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943	
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08	
Total BTEX	<0.300	0.300	10/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 70.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



ORDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.										BILL TO										ANALYSIS REQUEST																																							
Project Manager: Cliff Brunson										P.O. #:																																																	
Address: P.O. Box 805										Company: Oxy																																																	
City: Hobbs										Attn:																																																	
State: NM Zip: 88241										Address:																																																	
Phone #: 575-397-6388										City:																																																	
Fax #: 575-397-0397										State:																																																	
Project #:										Zip:																																																	
Project Name:										Phone #:																																																	
Project Location: New Mexico										Fax #:																																																	
Sample Name:										FOR LAB USE ONLY																																																	
Lab I.D.										Sample I.D.										Matrix <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER :										Preserv <input type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER :										Sampling DATE TIME										ANALYSIS REQUEST									
(G)RAB OR (C)OMP.										# CONTAINERS																																																	
1 Bottom 910 4'										1																																																	
2 910 4'										1																																																	
3 910 4'										1																																																	
4 910 4'										1																																																	
5 910 4'										1																																																	
6 910 4'										1																																																	
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38 910 4'										1																																																	
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41 910 4'										1																																																	
42 910 4'										1																																																	
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45 910 4'										1																																																	
46 910 4'										1																																																	
47 910 4'										1																																																	
48 910 4'										1																																																	
49 910 4'										1																																																	
50 910 4'										1																																																	
51 910 4'										1																																																	
52 910 4'										1																																																	
53 910 4'										1																																																	
54 910 4'										1																																																	
55 910 4'																																																											



ORDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST																	
Project Manager: Cliff Brunson				P.O. #:																					
Address: P.O. Box 805				Company: Oxy																					
City: Hobbs				Attn:																					
State: NM Zip: 88241				Address:																					
Phone #: 575-397-6388				City:																					
Fax #: 575-397-0397				State:																					
Project #:				Zip:																					
Project Name: HEIGHT CC 6-7				Phone #:																					
Project Location: New Mexico				Fax #:																					
Sample Name: June Lake																									
<small>FOR LAB USE ONLY</small>																									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	TPH	BTEX	CL-									
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :														ACID/BASE:	ICE / COOL	OTHER :
H235861	Bottom 10/ @ 4'	G 1	1										10/20/23	1005	V	V	V								
11	101 @ 4'	G 1	1										10/20/23	1010	V	V	V								
12	103 @ 4'	G 1	1										10/20/23	1015	V	V	V								
13	104 @ 4'	G 1	1										10/20/23	1020	V	V	V								
14	105 @ 4'	G 1	1										10/20/23	1025	V	V	V								
15	106 @ 4'	G 1	1										10/20/23	1030	V	V	V								
16	107 @ 4'	G 1	1										10/20/23	1035	V	V	V								
17	108 @ 4'	G 1	1										10/20/23	1040	V	V	V								
18	109 @ 4'	G 1	1										10/20/23	1045	V	V	V								
19	110 @ 4'	G 1	1										10/20/23	1050	V	V	V								
20																									

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Relinquished By: [Signature]	Date: _____	Received By: [Signature]	Date: _____
Reinquinshed By: [Signature]	Date: _____	Received By: [Signature]	Date: _____
Delivered By: (Circle One) Sampler - UPS - Bds - Other: _____	Time: _____	Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) [Signature] #1440
REMARKS:			
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: _____			



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST							
Project Manager: Cliff Brunson				P.O. #:											
Address: P.O. Box 805				Company: Oxy											
City: Hobbs				Attn:											
State: NM Zip: 88241				Address:											
Phone #: 575-397-6388 Fax #: 575-397-0397				City:											
Project #:				State:				Zip:							
Project Name:				Phone #:											
Project Location: New Mexico				Fax #:											
Sampler Name: <i>Sumner</i>				FOR LAB USE ONLY											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING			
								<input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER :							
								<input type="checkbox"/> ACID/BASE: <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER :							
										DATE		TIME			
<i>H235861</i>		<i>Bottom 111 @ 4'</i>		<i>G 1</i>		<i>1</i>		<i>✓</i>		<i>10-10-23</i>		<i>10:55</i>			
<i>31</i>		<i>112 @ 4'</i>		<i>G 1</i>		<i>1</i>		<i>✓</i>		<i>10-10-23</i>		<i>11:00</i>			
<i>32</i>		<i>113 @ 4'</i>		<i>G 1</i>		<i>1</i>		<i>✓</i>		<i>10-10-23</i>		<i>11:05</i>			
<i>33</i>		<i>114 @ 4'</i>		<i>G 1</i>		<i>1</i>		<i>✓</i>		<i>10-10-23</i>		<i>11:10</i>			
<i>34</i>		<i>115 @ 4'</i>		<i>G 1</i>		<i>1</i>		<i>✓</i>		<i>10-10-23</i>		<i>11:15</i>			
<i>35</i>		<i>116 @ 4'</i>		<i>G 1</i>		<i>1</i>		<i>✓</i>		<i>10-10-23</i>		<i>11:20</i>			
<i>36</i>		<i>117 @ 4'</i>		<i>G 1</i>		<i>1</i>		<i>✓</i>		<i>10-10-23</i>		<i>11:25</i>			
<i>37</i>		<i>118 @ 4'</i>		<i>G 1</i>		<i>1</i>		<i>✓</i>		<i>10-10-23</i>		<i>11:30</i>			
<i>38</i>		<i>119 @ 4'</i>		<i>G 1</i>		<i>1</i>		<i>✓</i>		<i>10-10-23</i>		<i>11:35</i>			
<i>39</i>		<i>120 @ 4'</i>		<i>G 1</i>		<i>1</i>		<i>✓</i>		<i>10-10-23</i>		<i>11:40</i>			
<i>30</i>															
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Relinquished By: <i>Sumner</i>				Date:				Received By: <i>Sumner</i>				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:			
				Time:								Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:			
Relinquished By: <i>Sumner</i>				Date: 10-25-23				Received By: <i>Sumner</i>				REMARKS:			
				Time: 16:10											
Delivered By: <i>Sumner</i>				Date: 10-25-23				Received By: <i>Sumner</i>							
				Time: 16:10											
Sampler - UPS - Bus - Other: <i>4.3c</i>				Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No				CHECKED BY: <i>Sumner</i>							
				Sample Condition: <input type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No				CHECKED BY: <i>Sumner</i>							

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ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST																				
Project Manager: Cliff Brunson		P.O. #:																						
Address: P.O. Box 805		Company: Oxy																						
City: Hobbs		Attn:																						
State: NM Zip: 88241																								
Phone #: 575-397-6388		Address: 0																						
Fax #: 575-397-0397		City:																						
Project #:		State:																						
Project Name: HEDGHT CC 6-7		Zip:																						
Project Location: New Mexico		Phone #:																						
Sample Name: <i>Simon Pender</i>		Fax #:																						
FOR LAB USE ONLY																								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV	SAMPLING																
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME										
<i>H235&61</i>	<i>Bottom 141 @ 4'</i>	<i>6/1</i>	<i>1</i>	<i>✓</i>									<i>10/23/14</i>	<i>11:45</i>	<i>✓</i>	<i>TPH</i>	<i>BIEX</i>	<i>CL</i>						
<i>31</i>	<i>122 @ 4'</i>	<i>6/1</i>	<i>1</i>	<i>✓</i>									<i>10/20</i>	<i>11:50</i>	<i>✓</i>									
<i>32</i>	<i>123 @ 4'</i>	<i>6/1</i>	<i>1</i>	<i>✓</i>									<i>10/20</i>	<i>11:55</i>	<i>✓</i>									
<i>33</i>	<i>124 @ 4'</i>	<i>6/1</i>	<i>1</i>	<i>✓</i>									<i>10/20</i>	<i>12:00</i>	<i>✓</i>									
<i>34</i>	<i>125 @ 4'</i>	<i>6/1</i>	<i>1</i>	<i>✓</i>									<i>10/20</i>	<i>12:05</i>	<i>✓</i>									
<i>35</i>	<i>126 @ 4'</i>	<i>6/1</i>	<i>1</i>	<i>✓</i>									<i>10/20</i>	<i>12:10</i>	<i>✓</i>									
<i>36</i>	<i>127 @ 4'</i>	<i>6/1</i>	<i>1</i>	<i>✓</i>									<i>10/20</i>	<i>12:15</i>	<i>✓</i>									
<i>37</i>	<i>128 @ 4'</i>	<i>6/1</i>	<i>1</i>	<i>✓</i>									<i>10/20</i>	<i>12:20</i>	<i>✓</i>									
<i>38</i>	<i>129 @ 4'</i>	<i>6/1</i>	<i>1</i>	<i>✓</i>									<i>10/20</i>	<i>12:25</i>	<i>✓</i>									
<i>39</i>	<i>130 @ 4'</i>	<i>6/1</i>	<i>1</i>	<i>✓</i>									<i>10/20</i>	<i>12:30</i>	<i>✓</i>									
<i>40</i>																								

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Relinquished By: <i>Simon Pender</i>	Date:	Received By: <i>Cliff Brunson</i>	Date:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <i>Cliff Brunson</i>	Date: 10-25-23	Received By: <i>Cliff Brunson</i>	Date: 10-25-23	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: <i>Cliff Brunson</i>	Time: 1410	Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <i>Cliff Brunson</i>		
Sampler - UPS - Bus - Other: <i>- 6, 3c</i>	#140	Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <i>Cliff Brunson</i>		

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ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO										ANALYSIS REQUEST									
Company Name: BBC International, Inc.										P.O. #:									
Project Manager: Cliff Brunson										Company: Oxy									
Address: P.O. Box 805										Attn:									
City: Hobbs										Address:									
State: NM Zip: 88241										City:									
Phone #: 575-397-6388 Fax #: 575-397-0397										State: Zip:									
Project #: Project Owner: Oxy										Phone #:									
Project Location: New Mexico										Fax #:									
Sample Name: <i>Summa Sample</i>																			
FOR LAB USE ONLY																			
Lab I.D.										Sample I.D.									
H235841										Bottom 131 C 4'									
41										132 C 4'									
42										133 C 4'									
43										134 C 4'									
44										135 C 4'									
45										136 C 4'									
46										137 C 4'									
47										138 C 4'									
48										139 C 4'									
49										140 C 4'									
50																			
										(G)RAB OR (C)OMP.									
										# CONTAINERS									
										GROUNDWATER									
										WASTEWATER									
										SOIL									
										OIL									
										SLUDGE									
										OTHER :									
										ACID/BASE:									
										ICE / COOL									
										OTHER :									
										DATE									
										TIME									
										TAP									
										BTEX									
										CL-									

Relinquished By: <i>Summa Sample</i>		Date: <i>10-25-23</i>		Received By: <i>Summa Sample</i>		Date: <i>10-25-23</i>		Time: <i>1440</i>		Sample Condition: <i>Intact</i>		CHECKED BY: <i>Summa Sample</i>		REMARKS:	
Delivered By: <i>Summa Sample</i>		Date: <i>10-25-23</i>		Received By: <i>Summa Sample</i>		Date: <i>10-25-23</i>		Time: <i>1440</i>		Sample Condition: <i>Intact</i>		CHECKED BY: <i>Summa Sample</i>		REMARKS:	
Sampler - UPS - Bus - Other: <i>6, 3, 4</i>		Date: <i>10-25-23</i>		Received By: <i>Summa Sample</i>		Date: <i>10-25-23</i>		Time: <i>1440</i>		Sample Condition: <i>Intact</i>		CHECKED BY: <i>Summa Sample</i>		REMARKS:	

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO										ANALYSIS REQUEST									
Company Name: BBC International, Inc.										P.O. #:									
Project Manager: Cliff Brunson										Company: Oxy									
Address: P.O. Box 805										Attn:									
City: Hobbs										Address:									
State: NM Zip: 88241										City:									
Phone #: 575-397-6388 Fax #: 575-397-0397										State: Zip:									
Project #: Project Owner: Oxy										Phone #:									
Project Location: New Mexico										Fax #:									
Sample Name: <i>Simba</i>																			
FOR LAB USE ONLY																			
Lab I.D.										Sample I.D.									
<i>H335861</i>										<i>Bottom 1410 y</i>									
<i>51</i>										<i>142.5</i>									
<i>52</i>										<i>143.0</i>									
<i>53</i>										<i>144.0</i>									
<i>54</i>										<i>145.0</i>									
<i>55</i>										<i>146.0</i>									
<i>56</i>										<i>147.0</i>									
<i>57</i>										<i>148.0</i>									
<i>58</i>										<i>149.0</i>									
<i>59</i>										<i>150.0</i>									
<i>60</i>																			
										(G)RAB OR (C)OMP.									
										# CONTAINERS									
										GROUNDWATER									
										WASTEWATER									
										SOIL									
										OIL									
										SLUDGE									
										OTHER :									
										ACID/BASE:									
										ICE / COOL									
										OTHER :									
										DATE									
										TIME									
										TPH									
										BTEX									
										CL									

Relinquished By: <i>Simba</i>		Received By: <i>Simba</i>		Sample Condition: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>Simba</i>		REMARKS:	
Date: <i>10-25-23</i>		Date: <i>10-25-23</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:	
Time: <i>1440</i>		Time: <i>1440</i>									
Delivered By: <i>Simba</i>		Received By: <i>Simba</i>									
Sampler - UPS - Bus - Other: <i>-6.3c</i>		Sampler - UPS - Bus - Other: <i>-6.3c</i>									

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ORDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



ORDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.										P.O. #:										ANALYSIS REQUEST									
Project Manager: Cliff Brunson										Company: Oxy																			
Address: P.O. Box 805										Attn:																			
City: Hobbs										State: NM Zip: 88241																			
Phone #: 575-397-6388										Fax #: 575-397-0397																			
Project #:										Project Owner: Oxy																			
Project Name:										City:																			
Project Location: New Mexico										State: Zip:																			
Sample Name:										Phone #:																			
FOR LAB USE ONLY										Fax #:																			
Lab I.D.										Sample I.D.																			
H235861										(G)RAB OR (C)OMP.																			
										# CONTAINERS																			
										GROUNDWATER																			
										WASTEWATER																			
										SOIL																			
										OIL																			
										SLUDGE																			
										OTHER :																			
										ACID/BASE:																			
										ICE / COOL																			
										OTHER :																			
										DATE										TIME									
71										10/23/03										10:20									
72										10/23/03										10:25									
73										10/23/03										10:30									
74										10/23/03										10:35									
75										10/23/03										10:40									
76										10/23/03										10:45									
77										10/23/03										10:50									
78										10/23/03										10:55									
79										10/23/03										11:00									
80										10/23/03										11:05									
PLEASE NOTE: Liability and Damages. Customer's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the applicable analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																													
Relinquished By:										Date:										Received By:									
Relinquished By:										Time:										Received By:									
Date:										Time:										Received By:									
Delivered By: (Circle One)										Cool Intact										Sample Condition									
Sampler - UPS - Bus - Other:										Yes <input type="checkbox"/> No <input type="checkbox"/>										Yes <input type="checkbox"/> No <input type="checkbox"/>									
REMARKS:										Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>										Add'l Phone #:									
										Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>										Add'l Fax #:									



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST							
Project Manager: Cliff Brunson				P.O. #:											
Address: P.O. Box 805				Company: Oxy											
City: Hobbs				Attn:											
State: NM zip: 88241				Address:											
Phone #: 575-397-6388 Fax #: 575-397-0397				City:											
Project #:				State:				Zip:							
Project Name:				Phone #:											
Project Location: New Mexico				Fax #:											
Sampler Name: Simon Barber															
FOR LAB USE ONLY															
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING			
								GROUNDWATER							
								WASTEWATER							
								SOIL							
								OIL							
								SLUDGE							
								OTHER :							
								ACID/BASE:							
								ICE / COOL							
								OTHER :							
								DATE		TIME					
H235861		Bottom 171 @ 4'		C 1		1		10/13/13		1110		TPH			
81		173 @ 4'		C 1		1		10/23/13		1115		BTEX			
82		173 @ 4'		C 1		1		10/23/13		1120		Cl			
83		174 @ 4'		C 1		1		10/23/13		1125					
84		175 @ 4'		C 1		1		10/23/13		1130					
85		176 @ 4'		C 1		1		10/23/13		1135					
86		177 @ 4'		C 1		1		10/23/13		1140					
87		178 @ 4'		C 1		1		10/23/13		1145					
88		179 @ 4'		C 1		1		10/23/13		1150					
89		180 @ 4'		C 1		1		10/23/13		1155					
90															
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Relinquished By: Simon Barber				Date:				Received By: [Signature]				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:			
				Time:								Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:			
Relinquished By: [Signature]				Date: 10-25-23				Received By: [Signature]				REMARKS:			
				Time: 1010											
Delivered By: (Circle One)				Sample Condition				CHECKED BY: [Signature]							
Sampler - UPS - Bus - Other:				Cool <input type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input type="checkbox"/> No											
-6.3c				#140											

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



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

November 01, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: HEIGHT CC 6-7

Enclosed are the results of analyses for samples received by the laboratory on 10/25/23 16:10.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 181 @ 4' (H235862-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943		
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 182 @ 4' (H235862-02)

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	10/31/2023	ND	1.94	96.9	2.00	0.943	
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08	
Total BTEX	<0.300	0.300	10/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 66.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 183 @ 4' (H235862-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943	
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08	
Total BTEX	<0.300	0.300	10/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/31/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 184 @ 4' (H235862-04)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943	
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08	
Total BTX	<0.300	0.300	10/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 185 @ 4' (H235862-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943		
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 186 @ 4' (H235862-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943		
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 187 @ 4' (H235862-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943		
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 188 @ 4' (H235862-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943		
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 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: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 189 @ 4' (H235862-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2023	ND	1.94	96.9	2.00	0.943	
Toluene*	<0.050	0.050	10/31/2023	ND	1.89	94.6	2.00	1.22	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.90	94.9	2.00	1.03	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.53	92.1	6.00	1.08	
Total BTEX	<0.300	0.300	10/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 64.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 56.9 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 190 @ 2.5' (H235862-10)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 191 @ 2.5' (H235862-11)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	173	86.7	200	0.170	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	167	83.4	200	3.11	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.9 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 192 @ 2.5' (H235862-12)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	172	86.0	200	0.406	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	164	82.1	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 193 @ 2.5' (H235862-13)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	172	86.0	200	0.406	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	164	82.1	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 194 @ 2.5' (H235862-14)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEx	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	172	86.0	200	0.406	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	164	82.1	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 63.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 195 @ 2.5' (H235862-15)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	172	86.0	200	0.406	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	164	82.1	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 196 @ 2.5' (H235862-16)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEx	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	172	86.0	200	0.406	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	164	82.1	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 197 @ 2.5' (H235862-17)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662	
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398	
Total BTEX	<0.300	0.300	10/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	172	86.0	200	0.406	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	164	82.1	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.7 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 198 @ 2.5' (H235862-18)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/30/2023	ND	172	86.0	200	0.406	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	164	82.1	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.4 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 199 @ 2.5' (H235862-19)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	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	10/30/2023	ND	172	86.0	200	0.406	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	164	82.1	200	3.31	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.6 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 200 @ 2.5' (H235862-20)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	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	10/30/2023	ND	183	91.6	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	170	84.8	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.5 % 49.1-148

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Analytical Results For:

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Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 201 @ 2.5' (H235862-21)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662	
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398	
Total BTEX	<0.300	0.300	10/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	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	10/30/2023	ND	183	91.6	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	170	84.8	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 68.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.0 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 202 @ 2.5' (H235862-22)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	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	10/30/2023	ND	183	91.6	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	170	84.8	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 71.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 203 @ 2.5' (H235862-23)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	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	10/30/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 204 @ 2.5' (H235862-24)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	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	10/30/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 69.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 205 @ 2.5' (H235862-25)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEx	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	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	10/30/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 65.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.1 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 206 @ 2.5' (H235862-26)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEx	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	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	10/31/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 72.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 207 @ 2.5' (H235862-27)

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	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	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	10/31/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 208 @ 2.5' (H235862-28)

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	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	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	10/31/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 74.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 209 @ 2.5' (H235862-29)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.662		
Toluene*	<0.050	0.050	10/31/2023	ND	1.95	97.3	2.00	1.39		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.01	100	2.00	0.899		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.00	100	6.00	0.398		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	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	10/31/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 52.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 53.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 210 @ 2.5' (H235862-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.96	98.1	2.00	2.55		
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.82		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	3.11		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	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	10/31/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 67.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 211 @ 2.5' (H235862-31)

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	10/31/2023	ND	1.96	98.1	2.00	2.55		
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.82		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	3.11		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	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	10/31/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 212 @ 2.5' (H235862-32)

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	10/31/2023	ND	1.96	98.1	2.00	2.55		
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.82		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	3.11		
Total BTEx	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	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	10/31/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 213 @ 2.5' (H235862-33)

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	10/31/2023	ND	1.96	98.1	2.00	2.55		
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.82		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	3.11		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	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	10/31/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 214 @ 2.5' (H235862-34)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.96	98.1	2.00	2.55		
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.82		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	3.11		
Total BTX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	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	10/31/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.8 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 215 @ 2.5' (H235862-35)

BTEX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2023	ND	1.96	98.1	2.00	2.55	
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.49	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.82	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	3.11	
Total BTEX	<0.300	0.300	10/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/31/2023	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	10/31/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 216 @ 2.5' (H235862-36)

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	10/31/2023	ND	1.96	98.1	2.00	2.55		
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.82		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	3.11		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	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	10/31/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 217 @ 2.5' (H235862-37)

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	10/31/2023	ND	1.96	98.1	2.00	2.55		
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.82		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	3.11		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	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	10/31/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 56.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 50.8 % 49.1-148

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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 218 @ 2.5' (H235862-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.96	98.1	2.00	2.55		
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.82		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	3.11		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/31/2023	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	10/31/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 68.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 219 @ 2.5' (H235862-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.96	98.1	2.00	2.55		
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.82		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	3.11		
Total BTEx	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	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	10/31/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 220 @ 2.5' (H235862-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.96	98.1	2.00	2.55		
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.82		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	3.11		
Total BTEx	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	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	10/31/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 73.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 221 @ 2.5' (H235862-41)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.96	98.1	2.00	2.55		
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.82		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	3.11		
Total BTX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/31/2023	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	10/31/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 222 @ 2.5' (H235862-42)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.96	98.1	2.00	2.55		
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.82		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	3.11		
Total BTEX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	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	10/31/2023	ND	169	84.3	200	6.23	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	181	90.7	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 71.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/25/2023
 Reported: 11/01/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/23/2023
 Sampling Type: Solid
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 223 @ 2.5' (H235862-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.96	98.1	2.00	2.55		
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.49		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	2.82		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	3.11		
Total BTEx	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/31/2023	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	10/30/2023	ND	183	91.6	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/30/2023	ND	170	84.8	200	7.24	
EXT DRO >C28-C36	<10.0	10.0	10/30/2023	ND					

Surrogate: 1-Chlorooctane 62.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO						ANALYSIS REQUEST							
Company Name: BBC International, Inc.							P.O. #:						
Project Manager: Cliff Brunson							Company: Oxy						
Address: P.O. Box 805							Attn:						
City: Hobbs							State: NM Zip: 88241						
Phone #: 575-397-6388							Fax #: 575-397-0397						
Project #:							Project Owner: Oxy						
Project Location: New Mexico							Height CL 6-7						
Sample Name:							State: Zip:						
							Phone #:						
FOR LAB USE ONLY							Fax #:						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	TPH	BTEX	CL		
H235862	11 Bortom 191 @ 2.5	G	1	GROUNDWATER	<input checked="" type="checkbox"/>		10.23.23	1250	-	-	-		
	12	G	1	SOIL	<input checked="" type="checkbox"/>		10.23.23	1755	-	-	-		
	13	G	1	OIL	<input checked="" type="checkbox"/>		10.23.23	1800	-	-	-		
	14	G	1	SLUDGE	<input checked="" type="checkbox"/>		10.23.23	1805	-	-	-		
	15	G	1	OTHER :	<input checked="" type="checkbox"/>		10.23.23	1110	-	-	-		
	16	G	1	ACID/BASE:	<input checked="" type="checkbox"/>		10.23.23	1115	-	-	-		
	17	G	1	ICE / COOL	<input checked="" type="checkbox"/>		10.23.23	1120	-	-	-		
	18	G	1	OTHER :	<input checked="" type="checkbox"/>		10.23.23	1125	-	-	-		
	19	G	1		<input checked="" type="checkbox"/>		10.23.23	1130	-	-	-		
	20	G	1		<input checked="" type="checkbox"/>		10.23.23	1135	-	-	-		
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Relinquished By: [Signature]		Date: _____	Received By: [Signature]		Date: _____	REMARKS:							
Relinquished By: [Signature]		Date: 10-25-23	Received By: [Signature]		Date: 10-25-23	CHECKED BY: [Signature] (Initials)							
Delivered By: [Signature]		Date: 10-25-23	Sample Condition		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	Checked Result: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Add'l Phone #: _____ Fax Result: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Add'l Fax #: _____							
Sampler - UPS - Bus - Other: _____		-6.3%											

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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ORDINAL LABORATORIES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST																																	
Project Manager: Cliff Brunson		P.O. #:																																			
Address: P.O. Box 805		Company: Oxy																																			
City: Hobbs		Attn:																																			
State: NM Zip: 88241		Address:																																			
Phone #: 575-397-6388		City:																																			
Project #:		State:																																			
Project Location: New Mexico		Phone #:																																			
Sample Name: <i>S. ...</i>		Fax #:																																			
FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING																															
Lab I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		TPH BTEX CL-									
Sample I.D.																																					
H235842		Bottom		2/1/05		C 1		✓																10.23.23		130											
31		2/1/05		C 1		✓																		10.23.23		135											
32		2/1/05		C 1		✓																		10.23.23		240											
33		2/1/05		C 1		✓																		10.23.23		245											
34		2/1/05		C 1		✓																		10.23.23		250											
35		2/1/05		C 1		✓																		10.23.23		300											
36		2/1/05		C 1		✓																		10.23.23		305											
37		2/1/05		C 1		✓																		10.23.23		310											
38		2/1/05		C 1		✓																		10.23.23		315											
39		2/1/05		C 1		✓																		10.23.23		315											
40		2/1/05		C 1		✓																		10.23.23		315											
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Relinquished By: <i>S. ...</i>		Date: _____		Received By: <i>W. ...</i>		Date: _____		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: _____		Add'l Fax #: _____		REMARKS:																					
Delivered By: <i>W. ...</i>		Date: _____		Received By: <i>W. ...</i>		Date: _____		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: _____		Add'l Fax #: _____		REMARKS:																					
Sampler - UPS - Bus - Other: _____		Date: _____		Received By: <i>W. ...</i>		Date: _____		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: _____		Add'l Fax #: _____		REMARKS:																					



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

November 03, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: HEIGHT CC 6-7

Enclosed are the results of analyses for samples received by the laboratory on 10/26/23 16:14.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 224 @ 2.5' (H235888-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2023	ND	1.79	89.6	2.00	1.56	
Toluene*	<0.050	0.050	10/31/2023	ND	1.96	97.9	2.00	1.62	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.97	98.6	2.00	1.74	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.97	99.6	6.00	1.34	
Total BTEX	<0.300	0.300	10/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	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	10/31/2023	ND	194	97.0	200	3.58	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	189	94.6	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 225 @ 2.5' (H235888-02)

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	10/31/2023	ND	1.79	89.6	2.00	1.56		
Toluene*	<0.050	0.050	10/31/2023	ND	1.96	97.9	2.00	1.62		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.97	98.6	2.00	1.74		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	5.97	99.6	6.00	1.34		
Total BTEX	<0.300	0.300	10/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	194	97.0	200	3.58	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	189	94.6	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 226 @ 2.5' (H235888-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.91	95.3	2.00	0.326		
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.0461		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0721		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	0.438		
Total BTX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	194	97.0	200	3.58	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	189	94.6	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 227 @ 2.5' (H235888-04)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2023	ND	1.91	95.3	2.00	0.326	
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.0461	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0721	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	0.438	
Total BTX	<0.300	0.300	10/31/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	194	97.0	200	3.58	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	189	94.6	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 228 @ 2.5' (H235888-05)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2023	ND	1.91	95.3	2.00	0.326	
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.0461	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0721	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	0.438	
Total BTEx	<0.300	0.300	10/31/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	194	97.0	200	3.58	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	189	94.6	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 229 @ 2.5' (H235888-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2023	ND	1.91	95.3	2.00	0.326	
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.0461	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0721	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	0.438	
Total BTEX	<0.300	0.300	10/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	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	10/31/2023	ND	194	97.0	200	3.58	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	189	94.6	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 230 @ 2.5' (H235888-07)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2023	ND	1.91	95.3	2.00	0.326		
Toluene*	<0.050	0.050	10/31/2023	ND	2.02	101	2.00	0.0461		
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	2.04	102	2.00	0.0721		
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.07	101	6.00	0.438		
Total BTX	<0.300	0.300	10/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	194	97.0	200	3.58	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	189	94.6	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 231 @ 2.5' (H235888-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.91	95.3	2.00	0.326		
Toluene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	0.0461		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.0721		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.07	101	6.00	0.438		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/01/2023	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	10/31/2023	ND	194	97.0	200	3.58	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	189	94.6	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 232 @ 2.5' (H235888-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.91	95.3	2.00	0.326		
Toluene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	0.0461		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.0721		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.07	101	6.00	0.438		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	194	97.0	200	3.58	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	189	94.6	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 233 @ 2.5' (H235888-10)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	1.91	95.3	2.00	0.326	
Toluene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	0.0461	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.0721	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.07	101	6.00	0.438	
Total BTX	<0.300	0.300	11/01/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	194	97.0	200	3.58	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	189	94.6	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 234 @ 2.5' (H235888-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	1.91	95.3	2.00	0.326	
Toluene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	0.0461	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.0721	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.07	101	6.00	0.438	
Total BTEX	<0.300	0.300	11/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	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	10/31/2023	ND	194	97.0	200	3.58	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	189	94.6	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 235 @ 2.5' (H235888-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.91	95.3	2.00	0.326		
Toluene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	0.0461		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.0721		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.07	101	6.00	0.438		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	194	97.0	200	3.58	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	189	94.6	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 236 @ 2.5' (H235888-13)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	1.91	95.3	2.00	0.326	
Toluene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	0.0461	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.0721	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.07	101	6.00	0.438	
Total BTEX	<0.300	0.300	11/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	181	90.3	200	0.312	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	166	82.8	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 72.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 237 @ 2.5' (H235888-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.91	95.3	2.00	0.326		
Toluene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	0.0461		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.0721		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.07	101	6.00	0.438		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 238 @ 2.5' (H235888-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.91	95.3	2.00	0.326		
Toluene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	0.0461		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.0721		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.07	101	6.00	0.438		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 239 @ 2.5' (H235888-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.91	95.3	2.00	0.326		
Toluene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	0.0461		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.0721		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.07	101	6.00	0.438		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 240 @ 2.5' (H235888-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.91	95.3	2.00	0.326		
Toluene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	0.0461		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.0721		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.07	101	6.00	0.438		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 241 @ 2.5' (H235888-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.91	95.3	2.00	0.326		
Toluene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	0.0461		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.0721		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.07	101	6.00	0.438		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 242 @ 2.5' (H235888-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.91	95.3	2.00	0.326		
Toluene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	0.0461		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.0721		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.07	101	6.00	0.438		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 243 @ 2.5' (H235888-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.91	95.3	2.00	0.326		
Toluene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	0.0461		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.0721		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.07	101	6.00	0.438		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 244 @ 2.5' (H235888-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.91	95.3	2.00	0.326		
Toluene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	0.0461		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.0721		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.07	101	6.00	0.438		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 245 @ 2.5' (H235888-22)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	1.91	95.3	2.00	0.326	
Toluene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	0.0461	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.0721	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.07	101	6.00	0.438	
Total BTX	<0.300	0.300	11/01/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 246 @ 2.5' (H235888-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 247 @ 2.5' (H235888-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 248 @ 2.5' (H235888-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 249 @ 1.5' (H235888-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 250 @ 1.5' (H235888-27)

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	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 251 @ 1.5' (H235888-28)

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	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 252 @ 1.5' (H235888-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 253 @ 1.5' (H235888-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 254 @ 1.5' (H235888-31)

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	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	10/31/2023	ND	196	97.8	200	10.7	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	211	105	200	6.69	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 255 @ 1.5' (H235888-32)

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	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 256 @ 1.5' (H235888-33)

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	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 257 @ 1.5' (H235888-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 258 @ 1.5' (H235888-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 259 @ 1.5' (H235888-36)

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	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 260 @ 1.5' (H235888-37)

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	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 261 @ 1.5' (H235888-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 135 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 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: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 262 @ 1.5' (H235888-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 263 @ 1.5' (H235888-40)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	1.89	94.5	2.00	1.76	
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42	
Total BTEX	<0.300	0.300	11/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 264 @ 1.5' (H235888-41)

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	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 265 @ 1.5' (H235888-42)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.89	94.5	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	1.88	94.2	2.00	1.78		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.91	95.7	2.00	1.54		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.43	90.5	6.00	1.42		
Total BTX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 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: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 266 @ 1.5' (H235888-43)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2023	ND	1.83	91.6	2.00	0.136	
Toluene*	<0.050	0.050	10/31/2023	ND	1.99	99.4	2.00	0.269	
Ethylbenzene*	<0.050	0.050	10/31/2023	ND	1.99	99.5	2.00	0.153	
Total Xylenes*	<0.150	0.150	10/31/2023	ND	6.11	102	6.00	0.0426	
Total BTX	<0.300	0.300	10/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 71.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 267 @ 1.5' (H235888-44)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	1.83	91.6	2.00	0.136	
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426	
Total BTEx	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 268 @ 1.5' (H235888-45)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.83	91.6	2.00	0.136		
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 269 @ 1.5' (H235888-46)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.83	91.6	2.00	0.136		
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 270 @ 1.5' (H235888-47)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.83	91.6	2.00	0.136		
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	10/31/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	10/31/2023	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 271 @ 1.5' (H235888-48)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	1.83	91.6	2.00	0.136	
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426	
Total BTEx	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 272 @ 1.5' (H235888-49)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	1.83	91.6	2.00	0.136	
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426	
Total BTEX	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 273 @ 1.5' (H235888-50)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.83	91.6	2.00	0.136		
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 274 @ 1.5' (H235888-51)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.83	91.6	2.00	0.136		
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	168	83.9	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	162	81.1	200	7.92	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 275 @ 1.5' (H235888-52)

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	11/01/2023	ND	1.83	91.6	2.00	0.136		
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 276 @ 1.5' (H235888-53)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	1.83	91.6	2.00	0.136	
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426	
Total BTEx	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 277 @ 1.5' (H235888-54)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.83	91.6	2.00	0.136		
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 278 @ 1.5' (H235888-55)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	1.83	91.6	2.00	0.136	
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426	
Total BTEX	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 279 @ 1.5' (H235888-56)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	1.83	91.6	2.00	0.136	
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426	
Total BTEx	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 280 @ 1.5' (H235888-57)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	1.83	91.6	2.00	0.136	
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426	
Total BTEX	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 281 @ 1.5' (H235888-58)

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	11/01/2023	ND	1.83	91.6	2.00	0.136	
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426	
Total BTEx	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 282 @ 1.5' (H235888-59)

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	11/01/2023	ND	1.83	91.6	2.00	0.136		
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 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: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 283 @ 1.5' (H235888-60)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.83	91.6	2.00	0.136		
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 284 @ 1.5' (H235888-61)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	1.83	91.6	2.00	0.136	
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426	
Total BTEX	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 285 @ 1.5' (H235888-62)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	1.83	91.6	2.00	0.136	
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.4	2.00	0.269	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	0.153	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.11	102	6.00	0.0426	
Total BTEx	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 286 @ 1.5' (H235888-63)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	5.98		
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 287 @ 1.5' (H235888-64)

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	11/01/2023	ND	2.00	100	2.00	5.98	
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92	
Total BTEX	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 288 @ 1.5' (H235888-65)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	5.98	
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92	
Total BTEX	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 289 @ 1.5' (H235888-66)

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	11/01/2023	ND	2.00	100	2.00	5.98	
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92	
Total BTEX	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 290 @ 1.5' (H235888-67)

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	11/01/2023	ND	2.00	100	2.00	5.98	
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92	
Total BTEX	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 291 @ 1.5' (H235888-68)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	5.98		
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 292 @ 1.5' (H235888-69)

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	11/01/2023	ND	2.00	100	2.00	5.98	
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92	
Total BTEX	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 293 @ 1.5' (H235888-70)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	5.98		
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 294 @ 1.5' (H235888-71)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	5.98	
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92	
Total BTEX	<0.300	0.300	11/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	189	94.3	200	6.27	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	177	88.5	200	9.79	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 295 @ 1.5' (H235888-72)

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	11/01/2023	ND	2.00	100	2.00	5.98	
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92	
Total BTEX	<0.300	0.300	11/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 296 @ 1.5' (H235888-73)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	5.98	
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92	
Total BTEx	<0.300	0.300	11/01/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 297 @ 1.5' (H235888-74)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	5.98		
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 298 @ 1.5' (H235888-75)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	5.98	
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92	
Total BTEX	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 299 @ 1.5' (H235888-76)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	5.98	
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92	
Total BTEX	<0.300	0.300	11/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 300 @ 1.5' (H235888-77)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	5.98		
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 301 @ 1.5' (H235888-78)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	5.98	
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92	
Total BTEX	<0.300	0.300	11/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 302 @ 1.5' (H235888-79)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	5.98	
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92	
Total BTEX	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 303 @ 1.5' (H235888-80)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	5.98	
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92	
Total BTEX	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 304 @ 1.5' (H235888-81)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	5.98	
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92	
Total BTEX	<0.300	0.300	11/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 305 @ 1.5' (H235888-82)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	5.98	
Toluene*	<0.050	0.050	11/01/2023	ND	2.11	106	2.00	6.35	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.24	112	2.00	6.26	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.68	111	6.00	5.92	
Total BTEX	<0.300	0.300	11/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 306 @ 1.5' (H235888-83)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 307 @ 1.5' (H235888-84)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 308 @ 3.5' (H235888-85)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 309 @ 3.5' (H235888-86)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 310 @ 3.5' (H235888-87)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 311 @ 3.5' (H235888-88)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 312 @ 3.5' (H235888-89)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 313 @ 3.5' (H235888-90)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 314 @ 3.5' (H235888-91)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	200	99.9	200	5.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	198	99.2	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 315 @ 3.5' (H235888-92)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 316 @ 3.5' (H235888-93)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 317 @ 3.5' (H235888-94)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 318 @ 3.5' (H235888-95)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 319 @ 3.5' (H235888-96)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 320 @ 3.5' (H235888-97)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	416	104	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 100 of 109



ARDINAL LABORATORIES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:		BILL TO										ANALYSIS REQUEST																			
Project Manager: Cliff Brunson		Company: Oxy																															
Address: P.O. Box 805		Attn:																															
City: Hobbs		State: NM zip: 88241																															
Phone #: 575-397-6388		Address:																															
Fax #: 575-397-0397		City:																															
Project #:		Project Owner: Oxy																															
Project Name: <u>Higuita CC 10-7</u>		State:																															
Project Location: New Mexico		Zip:																															
Sampler Name: <u>Roger Hernandez</u>		Phone #:																															
Fax #:																																	
FOR LAB USE ONLY																																	
Lab I.D. <u>H235888</u>		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		TPH		BTEX		CL-	
Sample I.D. <u>Bottom</u>		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/24/23		950		✓		✓		✓	
11		234 @ 2.5		6		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/24/23		950		✓		✓		✓	
12		235 @ 2.5		6		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/24/23		950		✓		✓		✓	
13		236 @ 2.5		6		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/24/23		950		✓		✓		✓	
14		237 @ 2.5		6		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/24/23		950		✓		✓		✓	
15		238 @ 2.5		6		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/24/23		950		✓		✓		✓	
16		239 @ 2.5		6		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/24/23		950		✓		✓		✓	
17		240 @ 2.5		6		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/24/23		950		✓		✓		✓	
18		241 @ 2.5		6		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/24/23		950		✓		✓		✓	
19		242 @ 2.5		6		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/24/23		950		✓		✓		✓	
20		243 @ 2.5		6		✓		✓		✓		✓		✓		✓		✓		✓		✓		10/24/23		950		✓		✓		✓	
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Delivered By: (Circle One) <u>UPS</u>		Time: <u>9:40 AM</u>		# <u>140</u>		Sample Condition: <u>Cool</u> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>Intact</u> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <u>[Signature]</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: <u></u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #: <u></u>		REMARKS: <u></u>																			

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: Heigut ee v-7 Project Location: New Mexico				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
Sampler Name: Roger Hernandez FOR LAB USE ONLY				Matrix (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :			
Lab I.D. Sample I.D.				DATE TIME			
H235888 21 Bottom 244 @ 2.5' G 1 10.24.23 1040 ✓ TPH 22 245 @ 2.5' G 1 10.24.23 1045 ✓ BTEX 23 246 @ 2.5' G 1 10.24.23 1050 ✓ CL- 24 247 @ 2.5' G 1 10.24.23 1055 ✓ 25 248 @ 2.5' G 1 10.24.23 1100 ✓ 26 249 @ 1.5' G 1 10.24.23 1105 ✓ 27 250 @ 1.5' G 1 10.24.23 1110 ✓ 28 251 @ 1.5' G 1 10.24.23 1115 ✓ 29 252 @ 1.5' G 1 10.24.23 1120 ✓ 30 253 @ 1.5' G 1 10.24.23 1125 ✓							

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Relinquished By: [Signature] Date: 10/26/23 Received By: [Signature] Time: 4:14pm		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: REMARKS:	
Delivered By: (Circle One) -140z Sampler - UPS - Bus - Other: #440		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> CHECKED BY: [Signature]	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST																		
Project Manager: Cliff Brunson		P.O. #:																				
Address: P.O. Box 805		Company: Oxy																				
City: Hobbs		Attn:																				
Phone #: 575-397-6388		Address:																				
State: NM Zip: 88241		City:																				
Fax #: 575-397-0397		State:																				
Project #:		Zip:																				
Project Name: Highway U-7		Phone #:																				
Project Location: New Mexico		Fax #:																				
Sampler Name: Roger Hernandez																						
FOR LAB USE ONLY																						
Lab I.D. H235888	Sample I.D. Bottom	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		PRESERV		SAMPLING														
		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	BTEX	CL-							
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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Relinquished By: [Signature]		Date: 10/16/23		Received By: [Signature]		Date: 11/14/23		Phone Result: [] Yes [] No		Add'l Phone #:												
Relinquished By: [Signature]		Date: 11/14/23		Received By: [Signature]		Date: 11/14/23		Fax Result: [] Yes [] No		Add'l Fax #:												
Delivered By: (Circle One) H.O. #140		Sample Condition		CHECKED BY: [Signature]																		
Sampler - UPS - Bus - Other:		Cool [] Intact []		Yes [] No []																		

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name:	BBC International, Inc.	P.O. #:	
Project Manager:	Cliff Brunson	Company:	Oxy
Address:	P.O. Box 805	Attn:	
City:	Hobbs	State:	NM
Phone #:	575-397-6388	Fax #:	575-397-0397
Project #:		Project Owner:	Oxy
Project Name:		City:	
Project Location:	New Mexico	State:	
Sampler Name:	Robert Hernandez	Phone #:	
		Fax #:	

BILL TO

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV	SAMPLING	DATE					TIME					ANALYSIS				
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :																
41	Bottom	2604	1.5																						
42		2605	1.5																						
43		2606	1.5																						
44		2607	1.5																						
45		2608	1.5																						
46		2609	1.5																						
47		2700	1.5																						
48		2701	1.5																						
49		2702	1.5																						
50		2703	1.5																						

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Relinquished By:	Date: 10/24/13	Received By:	Date: 10/24/13	Time: 11:14 pm	Time: 11:14 pm	REMARKS:
Relinquished By:		Received By:				
Delivered By: (Circle One)	-14.0 c	Sample Condition	Cool	Intact	Checked By: (Initials)	
Sampler - UPS - Bus - Other:	#140		Yes	Yes		
			No	No		

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: Project Location: New Mexico Sample Name: FOR LAB USE ONLY										BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:									
Lab I.D. Sample I.D. Bottom										ANALYSIS REQUEST TPH BTEX CL-									
DATE TIME																			
MATRIX (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :										PRESERV. SAMPLING									
51 274 @ 1.5- 52 275 @ 1.5- 53 276 @ 1.5- 54 277 @ 1.5- 55 278 @ 1.5- 56 279 @ 1.5- 57 280 @ 1.5- 58 281 @ 1.5- 59 282 @ 1.5- 60 283 @ 1.5-										10/24/03 135 10/24/03 140 10/24/03 145 10/24/03 150 10/24/03 155 10/24/03 200 10/24/03 205 10/24/03 210 10/24/03 215 10/24/03 220									

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Relinquished By: Date: 10/26/03 Time: 4:14pm Received By: Date: Time:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		CHECKED BY: (Initials)	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: Highway 67 Project Location: New Mexico Sample Name: Bayet Hernandez FOR LAB USE ONLY				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:							
Lab I.D. H235888		Sample I.D. 61 Bottom 284 e 1.5- 62 285 e 1.5- 63 286 e 1.5- 64 287 e 1.5- 65 288 e 1.5- 66 289 e 1.5- 67 290 e 1.5- 68 291 e 1.5- 69 292 e 1.5- 70 293 e 1.5-		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV. SAMPLING		DATE TIME		TPH BTEX CL-	
Relinquished By: [Signature]		Date: 10-26-23		Received By: [Signature]		Date: 10-26-23		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Relinquished By: [Signature]		Date: 11-14-23		Received By: [Signature]		Date: 11-14-23		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Delivered By: (Circle One) -14.0c #140		Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: [Signature]		REMARKS:		Cardinal cannot accept verbal changes. Please see written changes.			



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: Heavy Oil Project Location: New Mexico Sample Name: Paper Handkerchief FOR LAB USE ONLY				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:					
Lab I.D. H035888		Sample I.D. Bottom 294 @ 1.5'		MATRIX (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		PRESERV. DATE TIME		SAMPLING TPH BTEX CL-	
71	95	1.5'	1	✓	10/24/23	315	✓	✓	✓
72	96	1.5'	1	✓	10/24/23	320	✓	✓	✓
73	97	1.5'	1	✓	10/24/23	325	✓	✓	✓
74	98	1.5'	1	✓	10/24/23	330	✓	✓	✓
75	99	1.5'	1	✓	10/24/23	335	✓	✓	✓
76	300	1.5'	1	✓	10/24/23	340	✓	✓	✓
77					10/24/23	345	✓	✓	✓

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Relinquished By: 	Date: 10/24/23 Time: 4:14 PM Received By: Stocking	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS:
Delivered By: (Circle One) UPS <input checked="" type="radio"/> Bus <input type="radio"/> Other:	Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> CHECKED BY: (Initials)	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS:



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.										BILL TO										ANALYSIS REQUEST									
Project Manager: Cliff Brunson										P.O. #:																			
Address: P.O. Box 805										Company: Oxy																			
City: Hobbs										Attn:																			
Phone #: 575-397-6388										Address:																			
State: NM Zip: 88241																													
Fax #: 575-397-0397																													
Project #: Project Owner: Oxy										City:																			
Project Name: Height CC 6-7										State:																			
Project Location: New Mexico										Zip:																			
Sampler Name: Roger Hernandez										Fax #:																			
FOR LAB USE ONLY										PRESERV										SAMPLING									
Lab I.D. Sample I.D.										(G)RAB OR (C)OMP.																			
										# CONTAINERS																			
										GROUNDWATER																			
										WASTEWATER																			
										SOIL																			
										OIL																			
										SLUDGE																			
										OTHER :																			
										ACID/BASE:																			
										ICE / COOL																			
										OTHER :																			
										DATE										TIME									
H235888										Bottom 301e 1.5'										TPH									
78										302 e 1.5'										BTX									
79										303 e 1.5'										CL-									
80										304 e 1.5'																			
81										305 e 1.5'																			
82										306 e 1.5'																			
83										307 e 1.5'																			
84										308 e 1.5'																			
85										309 e 1.5'																			
86										310 e 1.5'																			
87																													
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Relinquished By: [Signature]										Date: 10/16/23										Received By: [Signature]									
Relinquished By: [Signature]										Date: 9/15/23										Received By: [Signature]									
Time:										Time:										Time:									
Delivered By: (Circle One) -140:										Sample Condition										CHECKED BY: [Signature]									
Sampler - UPS - Bus - Other:										Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>																			
										Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																			
										No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>																			
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476																													



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:		ANALYSIS REQUEST													
Project Manager: Cliff Brunson		Company: Oxy															
Address: P.O. Box 805		Attn:															
City: Hobbs		Address:															
Phone #: 575-397-6388		City:															
Fax #: 575-397-0397		State:															
Project #:		Zip:															
Project Name:		Fax #:															
Project Location: New Mexico																	
Sampler Name: Roger Hernandez																	
FOR LAB USE ONLY																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	BTEX	CL-
H235888	Bottom 311 e 3.5-	G	1										10.25.13	950			
88	312 e 3.5-	G	1										10.25.13	75			
89	313 e 3.5-	G	1										10.25.13	1000			
90	314 e 3.5-	G	1										10.25.13	1005			
91	315 e 3.5-	G	1										10.25.13	1010			
92	316 e 3.5-	G	1										10.25.13	1015			
93	317 e 3.5-	G	1										10.25.13	1020			
94	318 e 3.5-	G	1										10.25.13	1025			
95	319 e 3.5-	G	1										10.25.13	1030			
96	320 e 3.5-	G	1										10.25.13	1035			
97																	

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Relinquished By:	Date: 10/26/23	Received By:	Date: 9/13/23	Time: 4:13 pm	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:	Add'l Fax #:
Relinquished By:		Received By:			REMARKS:			

Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other: -1402 #140	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	SR

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



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

November 03, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: HEIGHT CC 6-7

Enclosed are the results of analyses for samples received by the laboratory on 10/26/23 16:14.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 321 @ 3.5' (H235889-01)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 322 @ 3.5' (H235889-02)

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	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 323 @ 3.5' (H235889-03)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 324 @ 3.5' (H235889-04)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93		
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 325 @ 3.5' (H235889-05)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	1.82	91.2	2.00	1.93	
Toluene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.45	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.20	103	6.00	1.84	
Total BTEX	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 326 @ 3.5' (H235889-06)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 327 @ 3.5' (H235889-07)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 328 @ 3.5' (H235889-08)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 329 @ 3.5' (H235889-09)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 330 @ 3.5' (H235889-10)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35	
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02	
Total BTEX	<0.300	0.300	11/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 331 @ 3.5' (H235889-11)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 332 @ 3.5' (H235889-12)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 333 @ 3.5' (H235889-13)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 334 @ 3.5' (H235889-14)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	206	103	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	218	109	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 335 @ 3.5' (H235889-15)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 336 @ 3.5' (H235889-16)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 337 @ 3.5' (H235889-17)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 338 @ 3.5' (H235889-18)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 339 @ 3.5' (H235889-19)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 340 @ 3.5' (H235889-20)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 341 @ 3.5' (H235889-21)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 342 @ 3.5' (H235889-22)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 343 @ 3.5' (H235889-23)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 344 @ 3.5' (H235889-24)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 345 @ 3.5' (H235889-25)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.92	95.9	2.00	3.35		
Toluene*	<0.050	0.050	11/01/2023	ND	1.80	89.8	2.00	3.56		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.84	92.2	2.00	4.14		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	5.52	92.0	6.00	4.02		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 346 @ 3.5' (H235889-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Analytical Results For:

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Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 347 @ 3.5' (H235889-27)

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	11/01/2023	ND	2.02	101	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.3 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 348 @ 3.5' (H235889-28)

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	11/01/2023	ND	2.02	101	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 349 @ 3.5' (H235889-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 350 @ 3.5' (H235889-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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 Fax To: (575) 397-0397

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 351 @ 3.5' (H235889-31)

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	11/01/2023	ND	2.02	101	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 352 @ 3.5' (H235889-32)

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	11/01/2023	ND	2.02	101	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 353 @ 3.5' (H235889-33)

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	11/01/2023	ND	2.02	101	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 354 @ 3.5' (H235889-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	184	91.9	200	0.619	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	178	89.0	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 1 (H235889-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 2 (H235889-36)

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	11/01/2023	ND	2.02	101	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 3 (H235889-37)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76	
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78	
Total BTX	<0.300	0.300	11/01/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 4 (H235889-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 5 (H235889-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78		
Total BTEx	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/02/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 6 (H235889-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/02/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 7 (H235889-41)

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	11/01/2023	ND	2.02	101	2.00	1.76	
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78	
Total BTEx	<0.300	0.300	11/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/01/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 8 (H235889-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78		
Total BTEX	<0.300	0.300	11/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 9 (H235889-43)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76	
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78	
Total BTEx	<0.300	0.300	11/01/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 10 (H235889-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 11 (H235889-45)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.02	101	2.00	1.76		
Toluene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	3.59		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.17	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.45	108	6.00	2.78		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 12 (H235889-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 13 (H235889-47)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEX	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 14 (H235889-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 15 (H235889-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 16 (H235889-50)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	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	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 17 (H235889-51)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 18 (H235889-52)

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	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEX	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 19 (H235889-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 20 (H235889-54)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	175	87.3	200	1.77	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.5	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 21 (H235889-55)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 22 (H235889-56)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2023	ND	1.87	93.4	2.00	0.672	
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91	
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431	
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29	
Total BTX	<0.300	0.300	11/02/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 23 (H235889-57)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEX	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 24 (H235889-58)

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	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/25/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 25 (H235889-59)

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	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 26 (H235889-60)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 27 (H235889-61)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 28 (H235889-62)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 71.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 49.1-148

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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 29 (H235889-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEX	<0.300	0.300	11/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 30 (H235889-64)

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	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 31 (H235889-65)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	1.87	93.4	2.00	0.672		
Toluene*	<0.050	0.050	11/02/2023	ND	1.94	97.1	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	1.99	99.6	2.00	0.431		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.01	100	6.00	1.29		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 32 (H235889-66)

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	11/01/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/01/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.41	107	6.00	1.86		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 33 (H235889-67)

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	11/01/2023	ND	2.00	100	2.00	1.32	
Toluene*	<0.050	0.050	11/01/2023	ND	2.03	102	2.00	0.788	
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.945	
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.41	107	6.00	1.86	
Total BTEX	<0.300	0.300	11/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 34 (H235889-68)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/01/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.41	107	6.00	1.86		
Total BTX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 35 (H235889-69)

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	11/01/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/01/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.41	107	6.00	1.86		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 36 (H235889-70)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/01/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.41	107	6.00	1.86		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 37 (H235889-71)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/01/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.41	107	6.00	1.86		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 63.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 38 (H235889-72)

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	11/01/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/01/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.41	107	6.00	1.86		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 39 (H235889-73)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/01/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.41	107	6.00	1.86		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 40 (H235889-74)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/01/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.41	107	6.00	1.86		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	188	93.8	200	3.54	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	192	96.1	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 41 (H235889-75)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/01/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.41	107	6.00	1.86		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	192	95.8	200	4.97	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.4	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 42 (H235889-76)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/01/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.41	107	6.00	1.86		
Total BTEX	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	192	95.8	200	4.97	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.4	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 43 (H235889-77)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/01/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.41	107	6.00	1.86		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	192	95.8	200	4.97	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.4	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 44 (H235889-78)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/01/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.41	107	6.00	1.86		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	192	95.8	200	4.97	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.4	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 45 (H235889-79)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.41	107	6.00	1.86		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	192	95.8	200	4.97	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.4	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 46 (H235889-80)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	100	2.00	1.32	
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	0.788	
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	0.945	
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.41	107	6.00	1.86	
Total BTEx	<0.300	0.300	11/02/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	192	95.8	200	4.97	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.4	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 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: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 47 (H235889-81)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.41	107	6.00	1.86		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	192	95.8	200	4.97	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.4	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 70.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 48 (H235889-82)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.41	107	6.00	1.86		
Total BTEX	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	192	95.8	200	4.97	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.4	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 49 (H235889-83)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.41	107	6.00	1.86		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	192	95.8	200	4.97	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.4	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 50 (H235889-84)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.41	107	6.00	1.86		
Total BTEX	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	192	95.8	200	4.97	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.4	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 51 (H235889-85)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2023	ND	2.00	100	2.00	1.32		
Toluene*	<0.050	0.050	11/02/2023	ND	2.03	102	2.00	0.788		
Ethylbenzene*	<0.050	0.050	11/02/2023	ND	2.04	102	2.00	0.945		
Total Xylenes*	<0.150	0.150	11/02/2023	ND	6.41	107	6.00	1.86		
Total BTEx	<0.300	0.300	11/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	192	95.8	200	4.97	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.4	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/26/2023
 Reported: 11/03/2023
 Project Name: HEIGHT CC 6-7
 Project Number: NONE GIVEN
 Project Location: OXY-NEW MEXICO

Sampling Date: 10/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 52 (H235889-86)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2023	ND	1.96	98.0	2.00	1.54		
Toluene*	<0.050	0.050	11/01/2023	ND	1.99	99.5	2.00	1.93		
Ethylbenzene*	<0.050	0.050	11/01/2023	ND	1.99	99.6	2.00	1.60		
Total Xylenes*	<0.150	0.150	11/01/2023	ND	6.22	104	6.00	1.28		
Total BTEx	<0.300	0.300	11/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/01/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2023	ND	192	95.8	200	4.97	
DRO >C10-C28*	<10.0	10.0	11/01/2023	ND	187	93.4	200	0.284	
EXT DRO >C28-C36	<10.0	10.0	11/01/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.										BILL TO										ANALYSIS REQUEST									
Project Manager: Cliff Brunson										P.O. #:																			
Address: P.O. Box 805										Company: Oxy																			
City: Hobbs										Attn:																			
Phone #: 575-397-6388										Address:																			
State: NM zip: 88241																													
Fax #: 575-397-0397																													
Project #:										City:																			
Project Name:										State:																			
Project Location: New Mexico										Zip:																			
Sampler Name: <i>Pope Hernandez</i>										Fax #:																			
FOR LAB USE ONLY																													
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CARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST											
Project Manager: Cliff Brunson		P.O. #:													
Address: P.O. Box 805		Company: Oxy													
City: Hobbs		Attn:													
Phone #: 575-397-6388		Address:													
Fax #: 575-397-0397		City:													
Project #:		State: NM zip: 88241													
Project Name:		Project Owner: Oxy													
Project Location: New Mexico		City:													
Sample Name:		State:													
FOR LAB USE ONLY		Phone #:													
Lab I.D. H235889		Fax #:													
Sample I.D.		PRESERV													
(G)RAB OR (C)OMP.		SAMPLING													
# CONTAINERS															
GROUNDWATER															
WASTEWATER															
SOIL															
OIL															
SLUDGE															
OTHER :															
ACID/BASE:															
ICE / COOL															
OTHER :															
DATE		TIME													
11 Bottom 33103.5		10-08-13 11:30		TPH											
12 33203.5		10-08-23 11:35		BTEX											
13 33303.5		10-05-23 11:40		CL-											
14 33403.5		10-05-23 11:45													
15 33503.5		10-05-23 11:50													
16 33603.5		10-05-23 11:55													
17 33703.5		10-05-23 12:00													
18 33803.5		10-05-23 12:05													
19 33903.5		10-05-23 12:10													
20 34003.5		10-08-03 12:15													
<small>PLEASE NOTE: Liability and Damages: Cardinal's liability and clients' exclusive remedy for any claim 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, shall be limited to the amount paid by the client for the service. In no event shall Cardinal be liable 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 consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal.</small>															
Relinquished By: [Signature]		Date: 7/4/23		Received By: [Signature]		Date: 7/4/23		Phone Result: [] Yes [] No		Add'l Phone #: []		Fax Result: [] Yes [] No		Add'l Fax #: []	
Delivered By: (Circle One)		Time: 4:14 PM		Sample Condition		Checked By: [Signature]		Cool Intact		Yes [] No []		Yes [] No []			
Sampler - UPS - Bus - Other:		-14.0°C #140		Cool Intact		Yes [] No []		Yes [] No []		Yes [] No []		Yes [] No []			

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



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST																															
Project Manager: Cliff Brunson		P.O. #:																																	
Address: P.O. Box 805		Company: Oxy																																	
City: Hobbs		Attn:																																	
Phone #: 575-397-6388		Address:																																	
Project #:		City:																																	
Project Name:		State: NM Zip: 88241																																	
Project Location: New Mexico		Fax #:																																	
Sample Name:		Phone #:																																	
FOR LAB USE ONLY		FAX #:																																	
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		TPH		BTEX		CL-	
H235889		Bottom 341035		1		1		1		1		1		1		1		1		1		1		1		10.05.23		19.10		✓		✓		✓	
21		342035		1		1		1		1		1		1		1		1		1		1		1		10.05.23		12.25		✓		✓		✓	
22		343035		1		1		1		1		1		1		1		1		1		1		1		10.05.23		12.30		✓		✓		✓	
23		344035		1		1		1		1		1		1		1		1		1		1		1		10.05.23		10.0		✓		✓		✓	
24		345035		1		1		1		1		1		1		1		1		1		1		1		10.05.23		10.5		✓		✓		✓	
25		346035		1		1		1		1		1		1		1		1		1		1		1		10.05.23		11.0		✓		✓		✓	
26		347035		1		1		1		1		1		1		1		1		1		1		1		10.05.23		11.5		✓		✓		✓	
27		348035		1		1		1		1		1		1		1		1		1		1		1		10.05.23		12.0		✓		✓		✓	
28		349035		1		1		1		1		1		1		1		1		1		1		1		10.05.23		12.5		✓		✓		✓	
29		350035		1		1		1		1		1		1		1		1		1		1		1		10.05.23		13.0		✓		✓		✓	
30																																			

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business 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: *BSH* Date: *10.06.23* Received By: *Stocking* Phone Result: ☐ Yes ☐ No Add'l Phone #:
Time: *4:15 pm* Date: *10.06.23* Received By: *Stocking* Fax Result: ☐ Yes ☐ No Add'l Fax #:
Time:
REMARKS:

Delivered By: (Circle One) *UPS* *140c* *#140* Sample Condition: ☒ Cool ☐ Intact ☒ Yes ☐ No ☐ No *88c* *88c*
Sampler - UPS - Bus - Other:
CHECKED BY: *88c* (Initials)

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: Project Name: Project Location: New Mexico Sampler Name: Roger Hernandez FOR LAB USE ONLY				P.O. #: Company: Oxy Attn: Address: City: State: Phone #: Zip:				BILL TO ANALYSIS REQUEST			
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy City: State: Phone #: Zip:											

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	TPH	BTEX	CL-
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
H235889	Bottom 351 @ 3.5	C	1	✓								10.8.23	135	✓	✓	✓
	32 352 @ 3.5	C	1	✓								10.25.23	140	✓	✓	✓
	33 353 @ 3.5	C	1	✓								10.25.23	145	✓	✓	✓
	34 354 @ 3.5	C	1	✓								10.25.23	150	✓	✓	✓
	35 SIDEWALL 1	C	1	✓								10.25.23	155	✓	✓	✓
	36	C	1	✓								10.25.23	200	✓	✓	✓
	37	C	1	✓								10.25.23	205	✓	✓	✓
	38	C	1	✓								10.25.23	210	✓	✓	✓
	39	C	1	✓								10.25.23	215	✓	✓	✓
	40	C	1	✓								10.25.23	220	✓	✓	✓

PLEASE NOTE: Liability and claims exclusions remain for any claim arising from the use of this report. The amount paid by the client for this service shall be deemed payment for the report and any other cause whatsoever shall be deemed waived unless made in writing and received by Capital within 30 days after completion of the applicable analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Capital within 30 days after completion of the applicable analysis. In no event shall Capital be liable for accidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services furnished by Capital regardless of whether such claim is based upon any of the above stated reasons or otherwise.	
Relinquished By: [Signature] Relinquished By: [Signature]	Date: 10/23/23 Received By: [Signature] Date: 10/23/23 Received By: [Signature]
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> CHECKED BY: [Signature]
REMARKS:	



ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name:

Project Location: New Mexico

Sample Name:

State: NM

Fax #: 575-397-0397

Project Owner: Oxy

Attn:

Address:

City:

State:

Phone #:

Fax #:

Zip: 88241

Company: Oxy

Attn:

Address:

City:

State:

Phone #:

Fax #:

Lab I.D.

Sample I.D.

FOR LAB USE ONLY

Matrix

Preserv

Sampling

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	BIEX	CL
H235889	Side wall 7	G	1										10.25.23	2:25			
41		G	1										10.25.23	2:30			
42		G	1										10.25.23	2:35			
43		G	1										10.25.23	2:40			
44		G	1										10.25.23	2:45			
45		G	1										10.25.23	2:50			
46		G	1										10.25.23	2:55			
47		G	1										10.25.23	3:00			
48		G	1										10.25.23	3:05			
49		G	1										10.25.23	3:10			
50		G	1										10.25.23	3:10			

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

Relinquished By:

Date:

Time:

Received By:

Date:

Time:

Remarks:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition

Checked By:



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.										BILL TO		ANALYSIS REQUEST									
Project Manager: Cliff Brunson										P.O. #:											
Address: P.O. Box 805										Company: Oxy											
City: Hobbs										Attn:											
State: NM Zip: 88241										Address:											
Phone #: 575-397-6388										City:											
Project #: 575-397-0397										State: Zip:											
Project Name: Project Owner: Oxy										Phone #:											
Project Location: New Mexico										Fax #:											
Sampler Name: Roger Hernandez										DATE											
FOR LAB USE ONLY										TIME											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	TPH	BTEX	CL												
H235889	SIDENALL 17		1	GROUNDWATER		10.25.13	315														
51	18		1	WASTEWATER		10.25.13	320														
52	19		1	SOIL		10.25.13	325														
53	20		1	OIL		10.25.13	330														
54	21		1	SLUDGE		10.25.13	335														
55	22		1	OTHER :		10.25.13	340														
56	23		1	ACID/BASE:		10.25.13	345														
57	24		1	ICE / COOL		10.25.13	350														
58	25		1	OTHER :		10.25.13	355														
59	26		1			10.25.13	360														
60	27		1			10.25.13	365														

PLEASE NOTE: Carding and Damages (Carding) shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated theories or otherwise.

Relinquished By:	Date: 10-26-23	Received By:	Date: 10-26-23
Relinquished By:	Date: 10-26-23	Received By:	Date: 10-26-23

Delivered By: (Circle One) UPS 4:40 #140 Sample Condition ☒ Cool ☒ Intact ☐ Yes ☐ No

Sampler - UPS - Bus - Other: #140 CHECKED BY:

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS:
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.						BILL TO						ANALYSIS REQUEST					
Project Manager: Cliff Brunson						P.O. #:											
Address: P.O. Box 805						Company: Oxy											
City: Hobbs						Attn:											
State: NM Zip: 88241																	
Phone #: 575-397-6388						Address:											
Fax #: 575-397-0397						City:											
Project Owner: Oxy						State: Zip:											
Project Name:						Phone #:											
Project Location: New Mexico						Fax #:											
Sample Name: Roger Hernandez																	
FOR LAB USE ONLY																	
Lab I.D.						Sample I.D.											
H235889 10/16/2012																	
L.B. S. O'Connell 24																	
68.1						(G)RAB OR (C)OMP.											
63.2						# CONTAINERS											
64.3						GROUNDWATER											
65.4						WASTEWATER											
66.5						SOIL											
67.6						OIL											
68.7						SLUDGE											
69.8						OTHER :											
70.9						ACID/BASE:											
71.0						ICE / COOL											
72.1						OTHER :											
73.2						DATE						TIME					
74.3						10.26.23						900					
75.4						10.16.23						905					
76.5						10.16.23						910					
77.6						10.16.23						915					
78.7						10.16.23						920					
79.8						10.16.23						925					
80.9						10.16.23						930					
81.0						10.16.23						935					
82.1						10.16.23						940					
83.2						10.16.23						945					
84.3						TPH											
85.4						BTEX											
86.5						CL-											
87.6																	
88.7																	
89.8																	
90.9																	
91.0																	
92.1																	
93.2																	
94.3																	
95.4																	
96.5																	
97.6																	
98.7																	
99.8																	
100.9																	
PLEASE NOTE: Liability and Damages: Cardholder's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the services. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																	
Relinquished By: [Signature]						Date: 10-26-23						Received By: [Signature]					
Time: 4:15pm						Date: 10-26-23						Time: 4:15pm					
Relinquished By: [Signature]						Date: 10-26-23						Received By: [Signature]					
Delivered By: (Circle One)						-140c						#140					
Sampler - UPS - Bus - Other:																	
Sample Condition						Cool Intact Yes No						CHECKED BY: [Signature] (Initials)					
Sample Result: Yes No						Add'l Phone #: Add'l Fax #:											



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST													
Project Manager: Cliff Brunson				P.O. #:																	
Address: P.O. Box 805				Company: Oxy																	
City: Hobbs				Attn:																	
Phone #: 575-397-6388				Address:																	
State: NM zip: 88241				City:																	
Fax #: 575-397-0397				State: Zip:																	
Project #:				Project Owner: Oxy																	
Project Name:				State: Zip:																	
Project Location: New Mexico				Phone #:																	
Sampler Name: Roger Hernandez				Fax #:																	
FOR LAB USE ONLY																					
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING									
H2353889		10/24/23						GROUNDWATER													
7D		SIPENWAL 36		✓		✓		✓		✓		✓		✓		✓		✓		✓	
74		37		✓		✓		✓		✓		✓		✓		✓		✓		✓	
75		39		✓		✓		✓		✓		✓		✓		✓		✓		✓	
76		40		✓		✓		✓		✓		✓		✓		✓		✓		✓	
77		41		✓		✓		✓		✓		✓		✓		✓		✓		✓	
78		42		✓		✓		✓		✓		✓		✓		✓		✓		✓	
79		43		✓		✓		✓		✓		✓		✓		✓		✓		✓	
80		44		✓		✓		✓		✓		✓		✓		✓		✓		✓	
81		45		✓		✓		✓		✓		✓		✓		✓		✓		✓	
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ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.										BILL TO										ANALYSIS REQUEST									
Project Manager: Cliff Brunson										P.O. #:																			
Address: P.O. Box 805										Company: Oxy																			
City: Hobbs										Attn:																			
State: NM Zip: 88241																													
Phone #: 575-397-6388										Address:																			
Fax #: 575-397-0397										City:																			
Project #:										State: Zip:																			
Project Name:										Phone #:																			
Project Location: New Mexico										Fax #:																			
Sampler Name: Roger Hernandez																													
FOR LAB USE ONLY																													
Lab I.D.										Sample I.D.																			
H235889 P-10/24/23																													
30 Bottom 46										(G)RAB OR (C)OMP.																			
341										# CONTAINERS																			
831										GROUNDWATER																			
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District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 361724

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	361724
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1919157408
Incident Name	NAB1919157408 HEIGHT CC 6 7 FEDERAL COM #031H @ 30-015-45574
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-45574] HEIGHT CC 6 7 FEDERAL COM #031H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	HEIGHT CC 6 7 FEDERAL COM #031H
Date Release Discovered	06/20/2019
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 200 BBL Recovered: 198 BBL Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 361724

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	361724
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 07/08/2024
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QUESTIONS, Page 3

Action 361724

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	361724
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	64
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	10
GRO+DRO (EPA SW-846 Method 8015M)	10
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.5

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	09/18/2023
On what date will (or did) the final sampling or liner inspection occur	10/19/2023
On what date will (or was) the remediation complete(d)	12/18/2023
What is the estimated surface area (in square feet) that will be reclaimed	71317
What is the estimated volume (in cubic yards) that will be reclaimed	6924
What is the estimated surface area (in square feet) that will be remediated	71317
What is the estimated volume (in cubic yards) that will be remediated	6924

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 361724

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 361724
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 07/08/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 361724

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 361724
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 361724

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	361724
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	361761
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/23/2023
What was the (estimated) number of samples that were to be gathered	406
What was the sampling surface area in square feet	71317

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	71317
What was the total volume (cubic yards) remediated	6924
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	71317
What was the total volume (in cubic yards) reclaimed	6924
Summarize any additional remediation activities not included by answers (above)	OXY excavated the spill area as depicted on the following site diagram. The leak area near SP1 – SP3 (LIGHT BLUE shade on diagram) required zero remediation. The leak area near SP4 (PURPLE shade on diagram) was excavated to a depth of 1.5 feet. The leak area near SP5 (GREEN shade on diagram) was excavated to a depth of 3.5 feet. The leak area near SP6, SP7, SP8, and SP11 (YELLOW shade on diagram) was excavated to a depth of 4 feet. The leak area near SP9 and SP10 (PURPLE shade on diagram) was excavated to a depth of 2.5 feet. Bottom and sidewall confirmation samples was collected every 200 square feet.

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

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

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 07/08/2024
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QUESTIONS, Page 7

Action 361724

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 361724
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 361724

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	361724
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAB1919157408 HEIGHT CC 6 7 FEDERAL COM #031H, thank you. This Remediation Closure Report is approved.	7/18/2024