

Laboratory Analytical Results Summary Copperhead Fee A #3H (5-14-18)

		Sample ID	SB1 @ 15'	SB1 @ 20'	SB1 @ 25'	SB1 @ 30'
Analyte	Method	Date	8/21/18	8/21/18	8/21/18	8/21/18
			mg/kg	mg/kg	mg/kg	mg/kg
Chloride	SM4500CI-B		2080	384	288	288



August 24, 2018

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: COPPERHEAD FEE A #3H

Enclosed are the results of analyses for samples received by the laboratory on 08/21/18 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celeg D. Keens

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

 Received:
 08/21/2018
 Sampling Date:
 08/21/2018

 Reported:
 08/24/2018
 Sampling Type:
 Soil

Project Name: COPPERHEAD FEE A #3H Sampling Condition: ** (See Notes)
Project Number: (5/14/18) Sample Received By: Tamara Oldaker

Project Location: COG - MALAGA

Sample ID: SB 1 @ 15 (H802331-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	08/22/2018	ND	432	108	400	3.77	
Sample ID: SB 1 @ 20 (H	802331-02)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	08/22/2018	ND	432	108	400	3.77	
Sample ID: SB 1 @ 25 (H	802331-03)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/22/2018	ND	432	108	400	3.77	
Sample ID: SB 1 @ 30 (H	802331-04)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte					D.C.	O/ Deservem	Two Value OC	RPD	01:6:
Analyce	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	KPD	Qualifier

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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

Celeg D. Freene

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476		
Company Name: BBC International, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Cliff Brunson	P.O. #:	
Address: P.O. Box 805	Company:	
City: Hobbs State: NM Zip: 88241	Attn:	
Phone #: 575-397-6388 Fax #: 575-397-0397	Address:	
Project #: Project Owner: CO	City:	
Project #: Project Owner: CO G Project Name: Copperhezd, Fee A # 3 + (5-19-)	State: Zip:	
Project Location: Malzgz	Phone #:	
Sampler Name:	Fax #:	
FOR LAB USE ONLY MATRIX	PRESERV. SAMPLING	
Tap I.D. Samble I.D. Sall oll		
1 58/e/5 G1 x	1 8.21 9.59	
7 5B @ 20 G1 7 3 5B @ 25 G1 X	× /030	4-17-1-1-1-1-1-
11 2210 30	1 1 1 1 1 1 1 1 1 1 1 1	
9 35/6 30	- F V 1/101	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in control analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruption affiliates or successors as sing out of or related to the performance of services hereunder by Cardinal, regardless of whether such claims.	and received by Cardinal within 30 days after completion of s, loss of use, or loss of profits incurred by client, its subsid	f the applicable diaries,
Relinquished By: Date: 21-18 Received By:	Phone Ro Fax-Resu	
1994 (1) Time; 50 901110	REMARK	
Refinquished By: Date: Received By:	(Called)	
Time:		
Delivered By: (Circle One) Sample Cond		
Sampler - UPS - Bus - Other: 7.46 497 Sampler - UPS - Bus - Other:	es 70 497	

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