

Bratcher, Mike, EMNRD

From: Bratcher, Mike, EMNRD
Sent: Thursday, March 04, 2010 8:38 AM
To: 'Cliff P. Brunson'
Cc: 'Bradley Blevins'; 'Ken Swinney'; 'Jennifer Gilkey'
Subject: RE: Chesapeake BCR Fed #1

Thanks Cliff – Mike

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Wednesday, March 03, 2010 6:25 PM
To: Bratcher, Mike, EMNRD
Cc: 'Bradley Blevins'; 'Ken Swinney'; 'Jennifer Gilkey'
Subject: RE: Chesapeake BCR Fed #1

Mike,

We plan on starting the installation of the clay liner on March 4, 2010.

Thanks, Cliff

From: Bratcher, Mike, EMNRD [mailto:mike.bratcher@state.nm.us]
Sent: Wednesday, February 24, 2010 7:04 AM
To: Cliff P. Brunson
Cc: Bradley Blevins; Ken Swinney; Jennifer Gilkey
Subject: RE: Chesapeake BCR Fed #1

Cliff,

Installation of the liner is approved. Please advise when installation is scheduled.

Thanks,

Mike Bratcher
NMOCD District 2
575-748-1283 Ext.108

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Tuesday, February 23, 2010 5:07 PM
To: Bratcher, Mike, EMNRD
Cc: Bradley Blevins; Ken Swinney; Jennifer Gilkey
Subject: FW: Chesapeake BCR Fed #1

Mike,

Please find attached the test results of the sample that was taken on February 18, 2010 at sample point SP-2 in accordance with our agreement as discussed below. The area around SP-2 was excavated further to a depth of 13 feet and then the sample was taken. As you can see, the results are excellent for chloride. Chesapeake would now like to start installing the clay liner then backfill and contour the site to natural surrounding grade.

Please reply back with your approval.

Thanks, Cliff

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Friday, February 12, 2010 3:06 PM
To: Mike Bratcher
Cc: Bradley Blevins; Ken Swinney; Jennifer Gilkey
Subject: Chesapeake BCR Fed #1

Mike,

Per our discussion yesterday concerning the BCR Fed #1, Chesapeake will further excavate impacted soil in the area of sample point SP-2 to meet the NMOCD requirement for this site. The area will then be re-sampled and if the results meet the requirement, the site will then be lined with a clay liner, backfilled, and contoured to grade.

If this meets with your approval, please respond back to me via e-mail so we can proceed.

Thanks, Cliff

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Wednesday, February 10, 2010 5:22 PM
To: Mike Bratcher
Cc: Bradley Blevins; Ken Swinney
Subject:

Mike,

We went out to the BCR Fed. #1, the BTA Pardue B 8808 JVP #5, and the ranch house water well. We took GPS readings and have plotted them on the attached topos and map (with scale). The distance between the water well north of the ranch house and the Chesapeake BCR is 1.08 miles according to our GPS. The elevation difference between the water well and the BCR is approximately 25 feet with the BCR being higher in elevation. If the water well information that you have is 30 feet to water at the water well, then the argument can be made that the BCR is at least 55 feet to water. With the water well being over a mile away from the BCR, I believe the BCR presents no endangerment to the water well.

Therefore, I again propose the installation of a compacted clay liner at the BCR site and then backfilling and contouring to grade.

If you will please call me on my cell in the morning to discuss further, I would appreciate it. My number is: 575-318-6704.

Thanks, Cliff

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

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Bratcher, Mike, EMNRD

From: Cliff P. Brunson [cbrunson@bbcinternational.com]
Sent: Wednesday, February 10, 2010 11:11 AM
To: Bratcher, Mike, EMNRD
Cc: Bradley Blevins; Ken Swinney
Subject: Chesapeake BCR Fed. #1
Attachments: Site diagram.pdf

Mike,

Here is the site diagram that goes with the lab data.

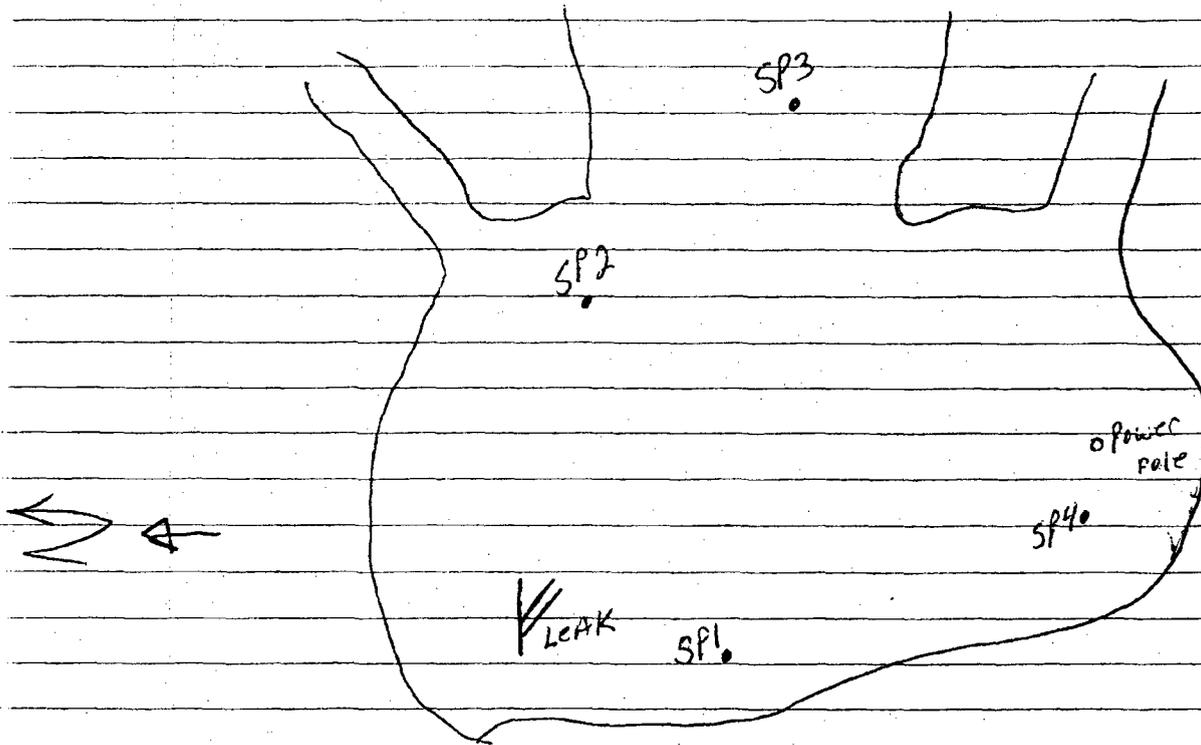
Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
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Chesapeake
BCR Fed. #1





New Mexico Office of the State Engineer
Water Column/Average Depth to Water

No records found.

PLSS Search:

Section(s): 2, 3, 4

Township: 23S

Range: 28E

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



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No records found.

PLSS Search:

Section(s): 34

Township: 22S

Range: 28E

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

Bratcher, Mike, EMNRD

From: Cliff P. Brunson [cbrunson@bbcinternational.com]
Sent: Wednesday, February 10, 2010 5:22 PM
To: Bratcher, Mike, EMNRD
Cc: Bradley Blevins; Ken Swinney
Attachments: Topo Plots.pdf

Mike,

We went out to the BCR Fed. #1 , the BTA Pardue B 8808 JVP #5, and the ranch house water well. We took GPS readings and have plotted them on the attached topos and map (with scale). The distance between the water well north of the ranch house and the Chesapeake BCR is 1.08 miles according to our GPS. The elevation difference between the water well and the BCR is approximately 25 feet with the BCR being higher in elevation. If the water well information that you have is 30 feet to water at the water well, then the argument can be made that the BCR is at least 55 feet to water. With the water well being over a mile away from the BCR, I believe the BCR presents no endangerment to the water well.

Therefore, I again propose the installation of a compacted clay liner at the BCR site and then backfilling and contouring to grade.

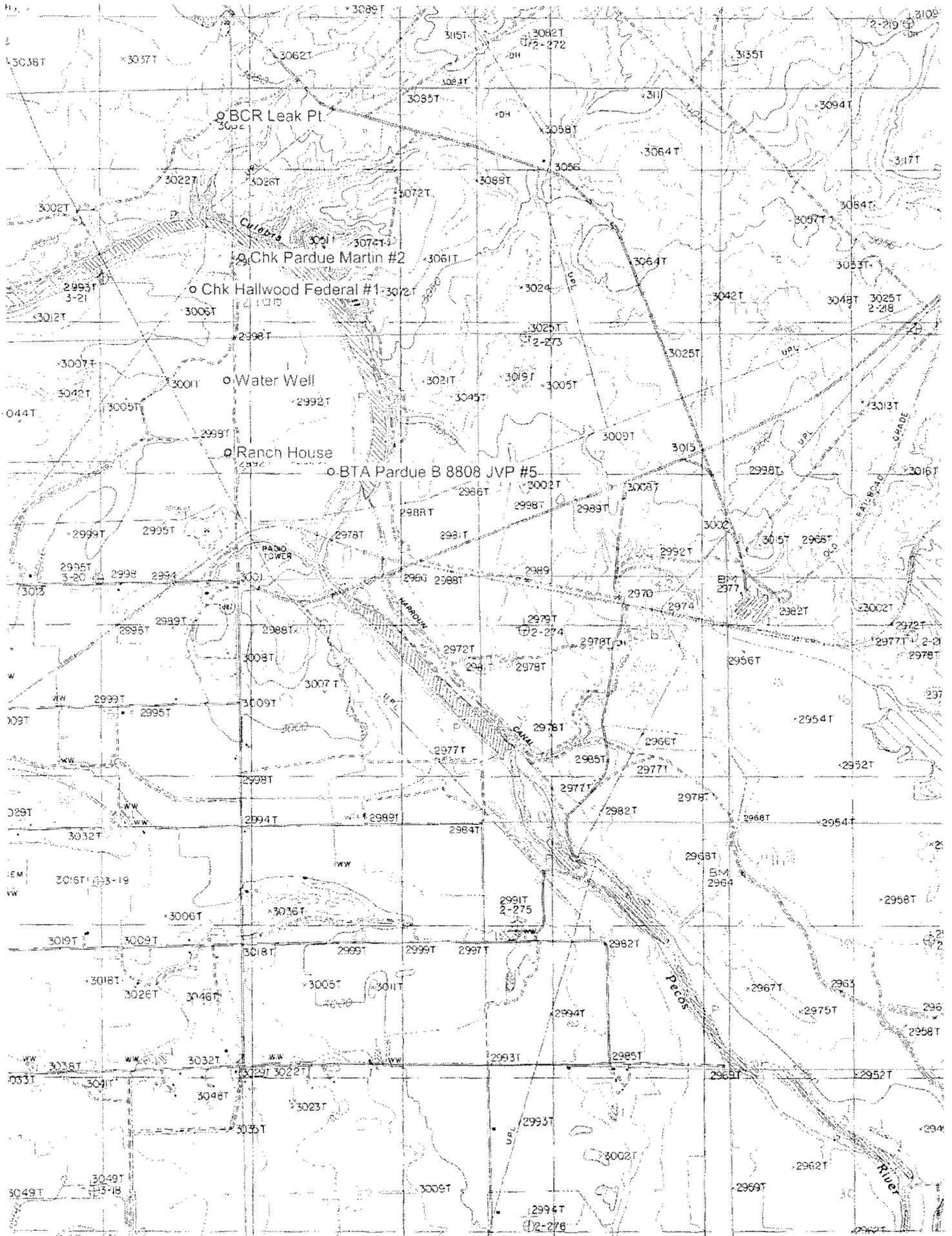
If you will please call me on my cell in the morning to discuss further, I would appreciate it. My number is: 575-318-6704.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
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Phone: (575) 397-6388
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Bcr

Pecos River

Chk Pardue 2

Chk Hallwood 1

Water Well

Ranch House

Bta jvp 5

31
0.3 mi
overzoom

**ARDINAL
LABORATORIES**PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

February 1, 2010

Cliff Brunson
BBC International, Inc.
P.O. Box 805
Hobbs, NM 88241

Re: BCR Fed #1

Enclosed are the results of analyses for sample number H19180, received by the laboratory on 01/29/10 at 3:20 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Celey D. Keene
Laboratory Director

This report conforms with NELAP requirements.



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

ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88241
FAX TO: (575) 397-0397

Receiving Date: 01/29/10
Reporting Date: 02/01/10
Project Owner: NOT GIVEN
Project Name: BCR FED #1
Project Location: LOVING, NM

Analysis Date: 02/01/10
Sampling Date: 01/25/10
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 5°C
Sample Received By: JH
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/kg)
H19180-1	SP3 @ 4'	336
H19180-2	SP3 @ 6'	32
H19180-3	SP4 @ 2'	1,940
H19180-4	SP4 @ 6'	1,500
H19180-5	SP4 @ 9'	1,040
H19180-6	SP4 @ 12'	928
H19180-7	SP4 @ 13'	880
Quality Control		510
True Value QC		500
% Recovery		102
Relative Percent Difference		2.0

METHOD: Standard Methods 4500-ClB

Note: Analyses performed on 1:4 w:v aqueous extracts.

Cliff Brunson
Chemist

02/01/10
Date

H19180 BBC

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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. #:		CARDINAL										
Address: P.O. Box 805		Company:												
City: Hobbs State: NM Zip: 88241		Attn:												
Phone #: 575-397-6388 Fax #: 575-397-0397		Address: SAME												
Project #: Project Owner:		City:												
Project Name: BCR FED #1		State: Zip:												
Project Location: Loving NM		Phone #:												
Sampler Name: Joel Clause		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
	H19180-1	SP3 @ 4'	G-1	1		✓				✓		1/25/10	1240	✓
	-2	6'	G-1	1		✓				✓		1/25/10	1255	✓
	3	SP4 @ 2'	G-1	1		✓				✓		1/25/10	130	✓
	4	6'	G-1	1		✓				✓		1/25/10	145	✓
	5	9'	G-1	1		✓				✓		1/25/10	156	✓
	6	12'	G-1	1		✓				✓		1/25/10	210	✓
	7	15'	G-1	1		✓				✓		1/25/10	220	✓

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Relinquished By: <i>Joel Clause</i>	Date: 1/28/10	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 10:10		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By: <i>[Signature]</i>	Date: 1/29/10	Received By: <i>Joel Clause</i>	REMARKS:	
	Time: 3:20			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Impact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <i>[Signature]</i>		

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#26



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

February 2, 2010

Cliff Brunson
BBC International, Inc.
P.O. Box 805
Hobbs, NM 88241

Re: BCR Fed #1

Enclosed are the results of analyses for sample number H19181, received by the laboratory on 01/29/10 at 3:20 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Celey D. Keene
Laboratory Director

This report conforms with NELAP requirements.



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

ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88241
FAX TO: (575) 397-0397

Receiving Date: 01/29/10
Reporting Date: 02/01/10
Project Owner: NOT GIVEN
Project Name: BCR FED #1
Project Location: LOVING, NM

Analysis Date: 02/01/10
Sampling Date: 01/25/10
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 5°C
Sample Received By: JH
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/kg)
H19181-1	SP1 @ 7'	1,230
H19181-2	SP1 @ 9'	1,070
H19181-3	SP1 @ 11'	1,260
H19181-4	SP2 @ 5'	13,000
H19181-5	SP2 @ 6'	6,800
H19181-6	SP2 @ 9'	5,700
H19181-7	SP2 @ 13'	1,540
H19181-8	SP2 @ 15'	416
H19181-9	SP2 @ 17'	636
Quality Control		510
True Value QC		500
% Recovery		102
Relative Percent Difference		2.0

METHOD: Standard Methods 4500-Cl⁻B

Note: Analyses performed on 1:4 w:v aqueous extracts.

Cliff Brunson
Chemist

02/02/10
Date

H19181 BBC

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ARDINAL LABORATORIES
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 (605) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST																				
Project Manager: Cliff Brunson		P.O. #:																						
Address: P.O. Box 805		Company:																						
City: Hobbs State: NM Zip: 88241		Attn:																						
Phone #: 575-397-6388 Fax #: 575-397-0397		Address: SAME																						
Project #: Project Owner:		City:																						
Project Name: BCR FED #1		State: Zip:																						
Project Location: Loving NM		Phone #:																						
Sampler Name: Joel Clouse		Fax #:																						
FOR LAB USE ONLY																								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX					PRESERV.			SAMPLING		CHLORIDE											
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE		TIME										
H9191-1	SP1@ 7'	✓			✓			✓			1/25/10	928	✓											
2	9'	✓			✓			✓			1/25/10	941	✓											
3	11'	✓			✓			✓			1/25/10	957	✓											
4	SP2@ 5'	✓			✓			✓			1/25/10	1025	✓											
5	6'	✓			✓			✓			1/25/10	1056	✓											
6	9'	✓			✓			✓			1/25/10	1119	✓											
7	13'	✓			✓			✓			1/25/10	1144	✓											
8	15'	✓			✓			✓			1/25/10	1156	✓											
9	17'	✓			✓			✓			1/25/10	1210	✓											

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Relinquished By: <i>Joel Clouse</i>	Date: 1/28/10	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: 10:12		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Relinquished By: <i>[Signature]</i>	Date: 1/29/10	Received By: <i>Jodi Nenson</i>	REMARKS:
	Time: 3:26		
Delivered By: (Circle One)	Sample Condition	CHECKED BY:	
Sampler - UPS - Bus - Other:	Cool Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>[Signature]</i>	

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