# Bratcher, Mike, EMNRD

From:

Cliff P. Brunson [cbrunson@bbcinternational.com]

Sent:

Wednesday, January 12, 2011 3:32 PM

To:

Bratcher, Mike, EMNRD

Cc:

Kelton Beaird, Ken Swinney, Jennifer Gilkey

Subject:

Oxy MidCon-North Indian Basin Unit #15

Attachments:

North Indian Basin Unit #15.pdf

Mike.

This e-mail is to confirm our discussion yesterday, Jan. 11, 2010, concerning the remediation plan for the Oxy North Indian Basin Unit #15 release. I have attached the information that we reviewed together.

As you recall, Oxy proposed to backfill the open excavation trench with the spoils pile and then at the north end of the release in the area of sample points SP5, SP6, and SP7, a one foot excavation would be performed. The excavated soil will be disposed of at an OCD-approved facility and the site will be backfilled with clean soil.

Please respond back via e-mail with your concurrence and approval.

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

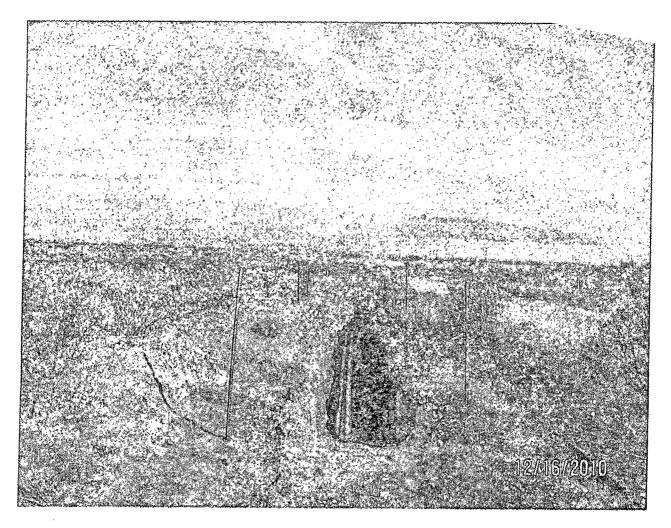
Phone: (575) 397-6388 Fax: (575) 397-0397

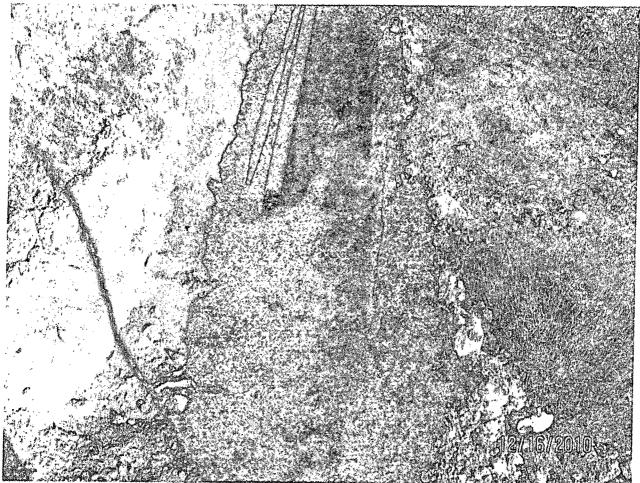
E-mail: cbrunson@bbcinternational.com Web: www.bbcinternational.com

Confidentiality Notice: This electronic transmission (and any attached documents) is intended only for the person(s) to whom it is addressed and may contain information that is privileged, confidential, or otherwise profected from disclosure. If you have received this transmission in error, please immediately notify the sender by e-mail or by collect telephone call to (575) 397-6388 for handling instructions. Any disclosure or distribution of the contents of this transmission by anyone other than the named recipient(s) is strictly prohibited.

OXYMIDCON / North Indian BasIN Unit 15 12-23-10 Serf-c1-216 1' - 01- 16 3' · C1- 32 4' 01 144 3' C1-48 4 c1-352 30-2 1 on K - C/ 272 TPH ND TPH NO BIEX NO BTEX NO. 3' C1 64 4' C/ 256 145 BIEX NO - Surface CI 1650 BTEX NO DIEN NO

3' C) 1/2 TPH - NO







January 05, 2011

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NORTH INDIAN BASIN UNIT #15

Enclosed are the results of analyses for samples received by the laboratory on 12/30/10 16:30.

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 Hydorcarbons

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

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 (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,

Celey D. Keene

Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 (505) 397-0397 Fax To:

Received:

12/30/2010

Sampling Date:

12/23/2010

Reported:

01/05/2011

Sampling Type:

Soil

Project Name:

NORTH INDIAN BASIN UNIT #15

Cool & Intact

Sampling Condition:

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

CARLSBAD, NEW MEXICO

Sample ID: 5 POINT COMPOSITE (H021630-01)

TEX 8260B	mg/	kg	Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/03/2011	ND	2.03	102	2.00	1.12	
Toluene*	<0.100	0.100	01/03/2011	ND	2.00	100	2.00	5.36	
Ethylbenzene*	<0.100	0.100	01/03/2011	ND	1.96	98.0	2.00	2.37	
Total Xylenes*	<0.300	0.300	01/03/2011	ND	5.52	92.0	6.00	3.07	
Surrogate: Dibromofluoromethane	122 !	% 80-120							
Surrogate: Toluene-d8	91.8	% 80-120	١						
Surrogate: 4-Bromofluorobenzene	92.9	% 80-120	1						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/03/2011	ND	416	104	400	7.41	
TPH 8015M	mg	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/01/2011	ND	173	86.5	200	8.17	
DRO >C10-C28	<10.0	10.0	01/01/2011	ND	150	75.2	200	22.3	
Surrogate: 1-Chlorooctane	108	% 70-130							
Surrogate: 1-Chlorooctadecane	117	% 70-130	1						

# Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardwill's liability and client's reclusive remotify for any claim arising, whether based in contract or tart, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whether contract whether unless made in writing and recolved by Cardinal within thirty. (20) days into completion of the applicable service. In no event shall be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, is subdisfaired, artifacts or successor setting out, of or related to the performance of the services hereunder by Cardinal, inspections of whether such claims to beautiful usen may of the above states reasons or or throwise. Reside reasons or or throwise, Reside and to be surprised or this report of contracts.



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

Fax To:

(505) 397-0397

Received:

12/30/2010

Sampling Date:

12/23/2010

Reported:

01/05/2011

Sampling Type:

Soil

Project Name:

NORTH INDIAN BASIN UNIT #15

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

CARLSBAD, NEW MEXICO

Sample Received By:

Jodi Henson

# Sample ID: SP 1 @ SURFACE (H021630-02)

Chi	oride.	SM4500	rri-R		ma/ka	
	•			•		

JCI-	R		श
		 	 _

Analyzed By: HM

Analyte

Analyte

Result <16.0 Reporting Limit 16.0

Analyzed 01/03/2011 Method Blank ND

85 416 % Recovery 104

True Value OC 400

RPD

7.41

Sample ID: SP 1 @ 1 FT (H021630-03)

инопае,	SM4500Cl-B

Analyzed

Analyzed By: HM

7.41

Qualifier

Qualifier

Chloride

Chloride

Result <16.0

01/03/2011 16.0

Method Blank ND

BS 416 % Recovery 104

True Value QC 400

RPD

Sample ID: SP 2 @ 3 FT. (H021630-04)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte Result Chloride 32.0

Reporting Limit 16.0

Reporting Limit

Analyzed 01/03/2011 Method Blank ND

BS 416 % Recovery 104

True Value QC 400

RPD 7.41

Qualifier

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Chamages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tore, shall be limited to the amount paid by client for analyses. All claims, mounting under two responsibility and client and the deemed waived unless made in writing and received by Cardinal within thirty. (20) days after completion of the applicable service. In no event shall Cardinal be libert for indecend 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 resisted to the performance of the services hersunder by Cardinal, regardless of whether such

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 13



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

Fax To:

(505) 397-0397

Received:

12/30/2010

Sampling Date:

12/23/2010

Reported:

01/05/2011

Sampling Type:

Soil

Project Name:

NORTH INDIAN BASIN UNIT #15

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

CARLSBAD, NEW MEXICO

# Sample ID: SP 2 @ 4 FT. (H021630-05)

BTEX 8260B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.100	0.100	01/03/2011	ND	2.03	102	2.00	1.12	
Toluene*	<0.100	0.100	01/03/2011	ND	2.00	100	2.00	5.36	
Ethylbenzene*	<0.100	0.100	01/03/2011	ND	1.96	98.0	2.00	2.37	
Total Xylenes*	<0.300	0.300	01/03/2011	ND	5.52	92.0	6.00	3.07	
Surrogate: Dibromofluoromethane	124 9	% 80-120						35.45.4	
Surrogate: Toluene-d8	90.9	% 80-120							
Surrogate: 4-Bromofluorobenzene	94.8	% 80-120							
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/03/2011	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/01/2011	ND	173	86.5	200	8.17	
DRO >C10-C28	<10.0	10.0	01/01/2011	ND	150	75.2	200	22,3	
Surrogate: 1-Chlorooctane	1149	% 70-130							
Surrogate: 1-Chlorooctadecane	125 9	% 70-130							

### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Demages. Canfinal's liability and client's exclusive remoty for any dain arising, whether based in customs or text, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other custom whatevers shall be deemed valved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable services. In no event, shall Cardinal to fiable for inodotrial or consequential damages, including, welfoot limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors among out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results maken only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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

Fax To:

(505) 397-0397

Received:

12/30/2010

Sampling Date:

12/28/2010

Reported:

Sampling Type:

01/05/2011

Soil Cool & Intact

Project Name:

NORTH INDIAN BASIN UNIT #15

Sampling Condition:

Project Number: Project Location: NONE GIVEN CARLSBAD, NEW MEXICO Sample Received By:

Jodi Henson

Sample ID: SP 3 @ 3 FT. (H021630-06)

Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/03/2011	ND	416	104	400	7.41	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinals liability and dient's exclusive remedy for any claim arising, whether based in contract or text, shall be limited to time amount paid by client for analyses. All claims, including those for negligence and any other cause whitspeeper shall be deemed valved unless made in writing and received by Cardinal within thirty (80) Cays after competion of the expliciable service. In no event shall Cardinal be liable for incidental or convenemble damages, including, without limitation, business incorruptions, loss of use, or loss of profits incurred by Clerk, 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 susted resource 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.



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

Fax To: (505) 397-0397

Received: Reported: 12/30/2010

01/05/2011

NORTH INDIAN BASIN UNIT #15

NONE GIVEN

Project Name: Project Number: Project Location:

CARLSBAD, NEW MEXICO

Sampling Date:

Sampling Type:

Sample Received By:

12/28/2010 Soil

Sampling Condition:

Cool & Intact

Jodi Henson

# Sample ID: SP 3 @ 4 FT. (H021630-07)

BTEX 8260B	mg,	'kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/03/2011	ND	2.03	102	2.00	1.12	
Toluene*	<0.100	0.100	01/03/2011	ND	2.00	100	2.00	5.36	
Ethylbenzene*	<0.100	0.100	01/03/2011	ND.	1.96	98.0	2.00	2.37	
Total Xylenes*	<0.300	0.300	01/03/2011	ND	5.52	92.0	6.00	3.07	
Surrogate: Dibromofluoromethane	127	% 80-120						· · · · · · · · · · · · · · · · · · ·	
Surrogate: Toluene-d8	93.6	% 80-120							
Surrogate: 4-Bromofluorobenzene	92.4	% 80-120							
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	01/03/2011	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: CK				_	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/01/2011	ND	173	86.5	200	8.17	
DRO >C10-C28	<10.0	10.0	01/01/2011	ND	150	75.2	200	22,3	
Surrogate: 1-Chlorooctane	89.8	% 70-130				-			
Surrogate: 1-Chlorooctadecane	96.7	36 70-130							

### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Diability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or text, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause with anomaly shall be deemed vertical market in writing and received by Cardinal within thirty (20) days after completion of the applicable service. In no event shall Certified be fishle for incidencial or consequential distraction, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors trising 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 status reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except to life with without processor of cardinal Laboratories.



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 (505) 397-0397 Fax To:

Received:

12/30/2010

Sampling Date:

12/28/2010

Reported:

01/05/2011

Sampling Type:

Soil

Project Name:

Sampling Condition:

Cool & Intact

NORTH INDIAN BASIN UNIT #15

Project Number:

NONE GIVEN

Sample Received By:

Project Location:

CARLSBAD, NEW MEXICO

Jodi Henson

# Sample ID: SP 4 @ 3 FT. (H021630-08)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	88	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/03/2011	ND	416	104	400	7.41	
Sample ID: SP 4 @ 4 FT (	H021630-09)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM		· · · · · · · · · · · · · · · · · · ·			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/03/2011	ND	416	104	400	7.41	
Sample ID: SP 5 @ SURFA	ACE (H021630	-10)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	01/03/2011	ND	416	104	400	7.41	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Demisipes. Cardinal's fabritry and dientic exclusive remedy for any claim uniting, whether based in contract or text, shall be finited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whetscover shall be deemed wowed unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no overst shall be deemed wowed unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no overst shall be deemed wowed unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no overst shall be liable for incidental or consequenced days of the completion of the performance of the services hereinder by Cardinal, regardless of whether such



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 (505) 397-0397 Fax To:

Received:

BTEX 8260B

12/30/2010

Sampling Date:

12/29/2010

Reported:

01/05/2011

Sampling Type:

Soil

Project Name:

NORTH INDIAN BASIN UNIT #15

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

mg/kg

Project Location:

CARLSBAD, NEW MEXICO

Sample Received By:

Jodi Henson

### Sample ID: SP 5 @ 2 FT (H021630-11)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/03/2011	ND	2.03	102	2.00	1.12	
Toluene*	<0.100	0.100	01/03/2011	ND .	2.00	100	2.00	5.36	
Ethylbenzene*	<0.100	0.100	01/03/2011	ND	1.96	98.0	2.00	2.37	
Total Xylenes*	<0.300	0.300	01/03/2011	ND	5.52	92.0	6.00	3.07	
Surrogate: Dibromofluoromethane	125 !	% 80-120							
Surrogate: Toluene-d8	90.4	% 80-120							
Surrogate: 4-Bromofluorobenzene	94.4	% 80-120							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM		· · · · · ·			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/03/2011	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/01/2011	ND	173	86.5	200	8.17	
DRO >C10-C28	89.3	10.0	01/01/2011	ND	150	75.2	200	22.3	
Surrogate: 1-Chlorooctane	109 5	% 70-130							
Surrogate: 1-Chlorooctadecane	118 5	% 70-130							

Analyzed By: CMS

# Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTIC: Limbility and Cammages. Cardinal's liability and Client's exclusive rementy for any claim aising, whicher based in contract or text, shall be funded to the amount paid by client for analyses. All claims, including those for negigence and any other clause whitsoever shall be deemed valved unless made in wrong and received by Cardinal within thirty (20) days after completion of the applicable service. In no event shall Cardinal be Rable for Independ or consequential damages, any other cause whitspeerer shall be destined waived unless made in writing and received by Cardinal within thirty (32) days after completion of the applicable service. In no event shall Cardinal be Table for Indeed and one consequencial damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its substitutions, affilience or successors assing out of or related to the performance of the services hereinder by Cardinal, regardless of whether such claim is based upon any of the above sizellar research or otherwise. Results relate only to the simples interruptions.



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

Fax To:

(505) 397-0397

Received:

12/30/2010

Sampling Date:

12/29/2010

Reported:

01/05/2011

Sampling Type:

Soil

Project Name:

NORTH INDIAN BASIN UNIT #15

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Jodi Henson

Project Location:

NONE GIVEN

CARLSBAD, NEW MEXICO

# Sample ID: SP 6 @ SURFACE (H021630-12)

Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	01/03/2011	ND	415	104	400	7.41	
Sample ID: SP 6 @ 2 FT (H	021630-13)								

mg/kg		Analyzed By: HM						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
128	16.0	01/03/2011	ND	416	104	400	7.41	
	Result	Result Reporting Limit	Result Reporting Limit Analyzed	Result Reporting Limit Analyzed Method Blank	Result Reporting Limit Analyzed Method Blank BS	Result Reporting Limit Analyzed Method Blank BS % Recovery	Result Reporting Limit Analyzad Method Blank BS % Recovery True Value QC	Result Reporting Limit Analyzad Method Blank BS % Recovery True Value QC RPD

# Sample ID: SP 7 @ SURFACE (H021630-14)

Chloride, SM4500Cl-B	mg/kg		Analyzed By; HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	01/03/2011	ND	416	104	400	7.41	

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Carriages. Contribel's liability and client's exclusive rouncity for any darm arising, whether based in contract or tort, shall be limited to the amount paid by diest for analyses. All claims, including those for negligence and any other clause unsulcancer shall be feemed waived unless made in writing and reserved by Cardinal by Says after completion of the applicable service. In no event stell Cardinal be liable for independ or consequential damages, including, without intensions, business internations, loss of use, or loss of practic incurred by dieth, its substitutions, williams are successors anding out of or or relaxed to this performance of the services hereunder by Cardinal, regardless of whether such daims based upon any of the blook states reasons or choowing. Results relate only to the semples (énotified above. This opensability on the performance of cardinal lateratories.

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc.

Cliff Brunson

P.O. Box 805

Hobbs NM, 88241

Fax To:

(505) 397-0397

Received: Reported: 12/30/2010

01/05/2011

Project Name:

NORTH INDIAN BASIN UNIT #15

NONE GIVEN

Project Number: Project Location:

CARLSBAD, NEW MEXICO

Sampling Date:

12/29/2010

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

# Sample ID: SP 7 @ 3 FT (H021630-15)

BTEX 8260B	mg,	/kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/03/2011	ND	2.03	102	2.00	1.12	
Toluene*	<0.100	0.100	01/03/2011	ND	2.00	100	2.00	5.36	
Ethylbenzene*	<0.100 0.100		01/03/2011	ND	1.96	98.0	2.00	2.37	
Total Xylenes*	<0.300 0.300		01/03/2011	ND	5.52	92.0	6.00	3.07	
Surrogate: Dibromofluoromethane	124 % 80-120								
Surrogate: Toluene-d8	gate: Toluene-d8 94.3 % 80-120								
Surrogate: 4-Bromofluorobenzene	ogate: 4-Bromofluorobenzene 89.0 % 80-12								
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/03/2011	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/01/2011	ND	173	86.5	200	8.17	
DRO >C10-C28	<10.0	10.0	01/01/2011	ND	150	75.2	200	22.3	
Surrogate: 1-Chlorooctane	105	% 70-130							
Surrogate: I-Chlorooctadecane	116	% 70-130							

### Cardinal Laboratories

\*=Accredited Analyte

PLENCE NOTE: Listedty and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or text, shall be timited to the amount paid by client for analyses. At dains, including those for negligence and any other cause whereseer shall be deterned wowed unless made its writing and reselved by Cardinal within thing (20) days affect competition of the applicable service. In no event shall Cardinal be liable for including and reselved by Cardinal shallows a finished and the performance of the performance of the services hereunder by Cardinal, regardless of whicther such claim is based upon any of this above stated reasons or otherwise. Resolve these only to the samples identified above. This transit of each of the produced except in full will written approach of Cardinal Information.



# **Notes and Definitions**

Z-01 Surrogates outside historical limits.

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: Libbility and Euroges. Cardinal's liability and clients exclusive remedy for any cleim ansing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All cleims, including those for negligance and any other clause whitnessorer shall be desired valved unless mode in witing and received by Cardinal within thiny. (30) days after completion of the applicable service. In no event shall Cardinal by Table for incidental or consequential dismages, including whove ilimitations, business interruptions, lost of u.e., or loss of proffs incurred by clerch is subdisfined a shallow a shallow subset reasons or otherwise. Result relate only to the amplies lemines show. This reports shall not be reproduced weight in this with written approved of Cardinal Libertschools.

# - 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.						_[	::: :::	#	BI	LL TO	11 11 11 11 11 11 11 11 11 11 11 11 11						ANA	LYSIS	S RE	QUE	ST		
Project Manager	: Cliff Brunson							F	.0.	#:				$\mathbf{J}^{-}$											
Address: P.O.	Box 805			_					om	pany	r:			]		ı				ļ	]				
city: Hobbs		State: NM	Zip	: 8	824	1			ttn:					_	- {				1	1	}	1	} '		
Phone #: 575-3	97-6388	Fax #: 575	-39	7-03	97				ddr	ess:	<u>.5</u>	Mi Harris 192	**************************						i		l	l			
Project#:		Project Owner	: (	' Xy-	/Y	1.0%	61	[c	City:					_	ŀ	,					ĺ				
Project Name:	North Indian		6/1	, 4	41	1.5			State: Zip:				_	- 1	1			Ì		1	[	Ì '			
Project Location	Vill Orne	. <u> </u>						F	hor	10 #:				_		2									
Sampler Name:	Vill Orne	123						F	ax ‡	<u>#:</u>				_]		$ \hat{c} $					1	İ			
FOR LAB USE ONLY			Γ.	П		MA	TRIX		Pi	RESE	RV	SAMPL	NG	]		OO	إبمار				1				
i			OR (C)OMP.	1	n	1		- {	1				}	1	-1		1.11		ł	1		İ	ļ		
]			8	RS		ř.		- 1	1					İ		-1	[]		1				i		į.
Lab I.D.	Sample I.f	<b>)</b> ,	e e	Ž	×	Ţ		1	ů,	112				1.	- 3	C	r.5			İ		1			
	•		βğ	Ē	3	Ū			r d	8	K.			Ι`	J	1			ŀ	1	l	İ			1
			(G)RAB	# CONTAINERS	GROUNDWATER	SOIL	OIL	ורוב	ACID/BAS	ICE/COOL	OTHER	DATE	TIME		-	'						1			
1-0161511	Supint Can	6005 / E	Ğ	#		× 0)	Ŭ	3, 1,	413	1	Ü	13/23/	,939	l $\lambda$	7	X	7				<del>                                     </del>				
2	Speint Con	79-4-1	600		+	1		7	- -	X		12/23/10	1033				_ <i>i.</i>				-	ļ			
3	50100 16	4	0	ŧ		1				7		12/28/10	222				1								
i.j.	5010 4000	Lance 371	G	1		Х				1		12/23/10	111	7											
.55	Sp 70 48	+	<u>G</u>	Ŀ		1		_		1		13/3/10	1153	_ <		$\mathbf{x}_{\perp}$	1							 	
(Q_	5030 3F	1	<u>.</u>		$\perp$	1/			_ _	1	_	12/20/10	259						<u> </u>					 	
7	Sp300 47	1	Ç.			1		-		+		12/2:10	325	1.4		Х.,	$\mathbb{X}_{-}$			<u> </u>		ļ		 	
	5/90 3/1		Ļ	1		16	-	_	- -	1		12/13/16	357	_ _`	(								ļ	 	
9	-2P4041	·	<u>}</u>			16		-  -	١.	17		17/28/10	470	1 4				-	- !			-	-	 	
FD-7	Domages, Caldhale hability and client	's exclusive romody for a	ny dei	n ansin	g whele	or based	In cor	tract or	tort, et	al be l	miled 1	to the amount pa	d by the client	for the						L	<u> </u>	<u> </u>	L	 	
analyses, All claims moduling	o those for negl gence and any other cau rothal he liable for moidental or consequ	ine whalsoever shall be	daerne	+walye	ı unless	niado in	ı willen	g and to	ceircd	by Car	dinal v	alla eyeb 05 nidik	r completion of	lite ap	clicable										
ufflintes or successors ansin	gout of or rolated to the performance of	services herounder by C	Econo	regard	less of	whether i	such c	alm is t	asad u	pon nn	of the	above stated re	isons or other	M:so.										 	
Relinquished By	, 1	Date: 301/8	Re	Celv	ed B î	у:		1.3					Phone R Fax Resi			] Yes ] Yes		No No	Addil	Phone : Fax #:	#;			 	
1316	1, 40/25	Time: 30	12	V	011	¢		We	M	Δ	ML.	M.	REMARK	KS:										 	
Relinquished By:  Timo: 30 JOCU All Received By:							-11 (	- NA	-	40.00													l		
Time:																									
		tune.																							ļ
Delivered By:	(Circle One)					elqmı loo			۱,	CH	ECK (Initi	ED BY:													}
Sampler - UPS - Bus - Other: Col Intact   Co						l	3	KI.																	
· · · · · · · · · · · · · · · · · · ·						NO		IND			1	V	L.,,											 	

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-24/6

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

# ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (605) 393-2476

	ompany Name: BBC International, Inc.							Т	. ::		F3 11	LL TO						ΔΝΔ	I YSI	SRE	QUE	ST			
	r: Cliff Brunson	1 110.				-		F	0.	_	1000				<del></del>		T		1	T	T	Ť	Γ	T	
Address: P.O.		,							om		 V:					!								ļ	
city: Hobbs		State: NM	Zip:	8	824	1		_ A	uttn:					1			1	į	l	1	)		1	\	
	397-6388									ess	:50	101C.													
Project #:	North Indian North Indian Can's bad	Project Owner:	0	ΧV	/N	idi	01	\ c	City:					1						-					
Project Name:	North Indian	B 15/11	VV	7	11	7 5		S	 State	:		Zíp:	· · · · · · · · · · · · · · · · · · ·	1	17			İ	Ì			Ì			
Project Location	1: Carlsbad	11 11		•				F	hon	e #:	:		***********	1	5	İ			ĺ						
Sampler Name:	Wift Ornela	:5	•			-		F	ax #	<u>.</u>				1	1					•					
FOR LAB USE ONLY			$\Box$			MΛ	TRIX		Pi	RES	ERV.	SAMPL	ING	1	00	V	1	1		}	Ì				
			Ž											,	i										
Lab I.D.	Sample I.I	, I	R(C	# CONTAINERS	GROUNDWATER	2			ú	ی ا ز	.				*美	1			ì	ļ					
Lab i.b.	oampie i.i	- · · · · · · · · · · · · · · · · · · ·	e l	Ž		Î Î		E GE	7 B		iř.		Ì	ノ	( )	100	1		1	1	1				
1			8	8	SRO 188	SOL	ö	SLUDGE	Ĩ   S		OTHER:	DATE	TIME	Ī	١,٠	~	1					1			
H211070-11	5051W7F	ij		Ή		Ä		-		X	-	12/24/16	1100	X	人	1			1						
12.	500050	for E	Ğ	1		1				X		12/24/	1111	X X											
12.	50602	£1	<u>G-</u>	1		1				7		17/2/1	0103	×											
14	Sn 7050	ritace.	<u>G</u>			1/			_ _	\X		12/29/11	119	X		<u> </u>				.		<u> </u>			
15	Sp7/13	.}	Ċ	上		1	1_1	_ -	_	1	.Ш	17/21/10	300	X	<u>×</u>	X	.				ļ	<u> </u>	ļ		
						-		_	- -	_								ļ		ļ	<b>↓.</b>		ļ	ļ	
							ļ	-+	- -	-			ļ	1			ļ		i	-	·	ļ	ļ		
			-1			-	-	-		-					·		ļ	<u> </u>	<del> </del>	-		<u> </u>	<b> </b>	<u> </u>	
					.					-	.										·	ļ- ·			
	d Demages. Cardinal's liability and dicring those for negligence and any other ca														iva	L	٠				<u> </u>		ــــــــــــــــــــــــــــــــــــــ	<b>-</b>	
service. In no event shot C	ardinal be hable for incidental or consequents out of or related to the performance of	rental damages, including s	vithout	limitat	ion, bus	iness b	terrupti	กกร. โอจ	s of us	e, ork	se of pr	officineuried by	chent, its subsidia	aries,											
Relinquished By	<b>f</b> :	Paje: 2.1-10			ed B		fee.		7-300	pon a	., 0, 1,	and cased to	Phone Re	sult:	□ Ye		No		Phone						
1.120	VA Ornels Wor. 35 July M						D i	7 A	Ø	-1º/E		Fax Resul		□ Ye	s	No	IAGGT	Fax#:							
Relinquished By	ed Bv: Date: Received By:							ريا	لمصالع	<i>(</i> )	<u> </u>														
	Time:										}												į		
Delivered By	(Circle One)					unple	Con	ditio	n ] -	Ċŀ	1ECR	ED BY:	<b>S</b>												
1			$\Gamma$	(4)	C	ر آمو	Intai	1	٠, ١	O.	(Init	ials)	}												İ
Sampler - UPS - Bus - Other: - GO Tyes Tyes No T No																									

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





BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (505) 397-0397

Received:

12/29/2010

Reported: Project Name: 12/30/2010

NORTH INDIAN BASIN UNIT #15

Project Number:

NONE GIVEN

Project Location:

CARLSBAD, NEW MEXICO

Sampling Date:

12/28/2010

Sampling Type: Sampling Condition: Soil Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP 5 @ 1 FT. W (H021611-01)

BTEX 8021B	mg/	kg	Anaryze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/29/2010	ND	2.09	105	2.00	11.2	
Toluene*	<0.050	0.050	12/29/2010	ND	2.21	110	2.00	11.1	
Ethylbenzene*	<0.050	0.050	12/29/2010	ND	2,30	115	2.00	12.8	
Total Xylenes*	<0.150	0.150	12/29/2010	ND	6.74	112	6.00	12.3	
Surrogate: 4-Bromofluorobenzene (PIL	104 9	% 70-130							
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CK				···	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Childre	144	16.0	12/29/2010	ND	448	112	400	0.00	
Chloride  Sample ID: SP 6@ 1 FT. W (H02	21611-02	2)			.,,		130	••••	
		2)		d By: CMS				····	
Sample ID: SP 6@ 1 FT. W (H02	21611-02	2)			BS	% Recovery	True Value QC	RPD	Qualifier
Sample ID: SP 6@ 1 FT. W (H02 BTEX 80 <sup>21B</sup>	21611-02 mg/	2) /kg	Analyze	d By: CMS	***				Qualifier
Sample ID: SP 6@ 1 FT. W (H02 BTEX 8021B  Analyte	2 <b>1611-0</b> 2 mg/ Result	2) /kg Reporting Limit	<b>Analyze</b> Analyzed	d By: CMS Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sample ID: SP 6@ 1 FT. W (H02 BTEX 8021B Analyte Benzene*	21611-02 mg/ Result <0.050	<b>2) (kg</b> Reporting Limit  0.050	Analyze Analyzed 12/29/2010	d By: CMS Method Blank ND	BS 2.09	% Recovery	True Value QC 2.00	RPD 11.2	Qualifier
Sample ID: SP 6@ 1 FT. W (H02 BTEX 8021B  Analyte  Benzene* Toluene*	Result <0.050	Reporting Limit 0.050 0.050	Analyzed 12/29/2010 12/29/2010	d By: CMS  Method Blank  ND  ND	BS 2.09 2.21	% Recovery 105 110	True Value QC 2.00 2.00	RPD 11.2 11.1	Qualifier
Sample ID: SP 6@ 1 FT. W (H02 BTEX 8021B  Analyte  Benzene*  Toluene*  Ethylbenzene*	Result <0.050 <0.050 <0.050	Reporting Limit 0.050 0.050 0.050 0.150	Analyze Analyzed 12/29/2010 12/29/2010 12/29/2010 12/29/2010	d By: CMS  Method Blank  ND  ND  ND	BS 2.09 2.21 2.30	% Recovery 105 110 115	True Value QC 2.00 2.00 2.00	RPD 11.2 11.1 12.8	Qualifier
Sample ID: SP 6@ 1 FT. W (H02 BTEX 8021B  Analyte  Benzene*  Toluene*  Ethylbenzene*  Total Xylenes*	Result <0.050 <0.050 <0.050 <0.150	Reporting Limit 0.050 0.050 0.050 0.150	Analyze Analyzed 12/29/2010 12/29/2010 12/29/2010 12/29/2010	d By: CMS  Method Blank  ND  ND  ND	BS 2.09 2.21 2.30	% Recovery 105 110 115	True Value QC 2.00 2.00 2.00	RPD 11.2 11.1 12.8	Qualifier
Sample ID: SP 6@ 1 FT. W (H02 BTEX 8021B  Analyte  Benzene* Toluene* Ethylbenzene* Total Xylenes*  Surrogate: 4-Bromofluorobenzene (PIL	Result <0.050 <0.050 <0.150	Reporting Limit 0.050 0.050 0.050 0.150	Analyze Analyzed 12/29/2010 12/29/2010 12/29/2010 12/29/2010	d By: CMS  Method Blank  ND  ND  ND  ND	BS 2.09 2.21 2.30	% Recovery 105 110 115	True Value QC 2.00 2.00 2.00	RPD 11.2 11.1 12.8	Qualifier Qualifier

# Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Unbitty and Damages. Continal's bublity and client's exclusive remarky for any claim arising, whicher based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including thisse for negigipute and any other cause whitesover shall be deemed volved unless make in westing and nearhed by Cardinal westin thirty. (30) days after completion of the applicable service. In no events shall Cardinal be labele for incidental or consequential damages, actions, without initiation, without initiation, without initiation, without initiation, business interruptions, lose of use, or loss of profits incurred by client, its substitatives are affiliates or successors arising out of or related to that performance of the errors hereunder by Cardinal, regardless of whether such claim's posed upon any of the atomic statement resources are conserved. Resource the errors are conserved. Resource the errors are conserved.



BBC International, Inc. Cliff Brunson P.O. Box 805

Hobbs NM, 88241

Fax To: (505) 397-0397

Received: Reported: 12/29/2010

12/30/2010

NORTH INDIAN BASIN UNIT #15

Project Name: Project Number: Project Location:

NONE GIVEN

CARLSBAD, NEW MEXICO

Sampling Date:

12/28/2010

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP 7 @ 1 FT. W (H021611-03)

BTEX 80218	mg/	kg	Analyze	d By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/29/2010	ND	2.09	105	2.00	11.2		
Toluene*	<0.050	0.050	12/29/2010	ND	2.21	110	2.00	11.1		
Ethylbenzene*	<0.050 0.050		12/29/2010	ND	2.30	115	2.00	12.8		
Total Xylenes*	<0.150	0.150	12/29/2010	ND	6.74	112	6.00	12.3		
Surrogate: 4-Bromofluorobenzene (PIL	101	% 70-130		<u> </u>		· · · · · · · · · · · · · · · · · · ·			·	
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CK						
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	BS % Recovery True Value QC		RPD	Qualifier	
Chloride	<b>368</b> 16.0		12/29/2010	ND	448 112		400	0.00		

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Centravil's fability and dient's exclusive remoty for any claim ancing, whether based in contract or text, stall be limited to the amount poid by dient for analyses. All daints, including those for negligence and any other cases whetherever shall be deemed websed unless made in writing and resident within thirty (20) days after completion of the applicable service. In no event shall Ordinal be fields for indicional or consequential damages, including, wether limitation, buttones interruptions, loss of use, or loss of profits incurred by client, stated upon the above states reasons or user consequential above the participation of the applicable service.



# **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 SM4500CI-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. Curtical's liability and client's exclusive remedy for any client among, whether based in contract or text, shall be limited to the amount paid by client for analyses. All chieve, including those for negligence and any other Cause whatevewer shall be deemed walked unless mode in writing and received by Cardinal within titlety (20) days after completion of the applicable service. In no swore shall be libble for incidental or consequential domages, including, without limitation, business interruptions. loss of use, or loss of profits inquired by client, its subaddances, affiliates or successors assing out of or related to the performance of the services horizontar by Cardinal, regardless of whether such claims beard upon any of the above stated reasons or otherwise. Reside relation only to the samples identified above. This report shall not be reproduced except in Adl with writing approved of Cardinal Laboratories.

# ARDINAL LABORATORIES 101 East Mariand, Hobbs, NM 88240

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(505) 393-2326 FAX																			
	BBC Internationa	il, Inc.					BI	LLTO					Α	VALY	SIS RI	EQUE	.ST			
4.31	: Cliff Brunson					P.(	0.#:						1							
Address: P.O.	Box 805					Co	mpany:												}	
city: Hobbs		State: NM	Zlp:	8824	41	Aff	tn:			}	[	1					) 1			
Phone #: 575-3	397-6388	Fax#: 575-3	397-	0397		Ad	dress:	Same	2		İ	1					1	1	ĺ	
Project#:		Project Owner:	8	2xy:	Midler	CI	ty:				-	- }		1						
Project Name:	North Ind.	an 305%	1/	the	4#15	State: Zip:					}			Ì					j	
Project Location	" Cortsberg	vin				Ph	one#:							}	į		1 1			
Project Name: North Towish Bosh Vinit #15  Project Location: Contains Contains  Sampler Name: North Contains  Project Name: North Towish Bosh Vinit #15						ILA	x #:				Ì		-					}	1	
FOR LAB USE ONLY			T	Ţ,	MATRIX		PRESERV	SAMPLI	NG	$ \cdot $	ı				Ì		}		}	
		ŧ	S L	, R	1111	1	[ ! !				.	}					{ }		1	
	<b>6</b>	_	0 10	₩ .	55		ا ناندا				1	l	ł				1		-	
Lab I.D.	Sample I.	ס,	9 P	2 2	EW	1	348 100			132	N	1				1	} /		}	
}			S)RAB OR (C)C	GROUNDWATER	WASTEWATER SOIL OIL	프	ACID/BASE: ICE / COOL OTHER:	D.TE	1901 8 8 80	21	į				- [				ļ	
H21611-1	5.00	101	C-(G)RAB OR (C)OMP	F 01	S 5 6 8	0	3150	DATE	1.45	Z	X					+				
18 Carl (C/1) 1	- 10 S (G)	111 W		-	- <del> </del>	<u> </u>	4	12/1/10	156					-		-	<del>  </del>			
2		C.F. A.	<b>/-</b>	-	-   2   -	†	1×1	1	102	У-						-				
	> p 4 62 1	17-10-1	-	-		T	1		1.00	7										
						i	11													
						1														
						1														
						-	1-1-1								_					
				_	111	! 								-						
DIESE NOTE: Lablus an	o Centrages, Cerdina's liability and cits	ally machines annually for any	(alalm a	Jising whi	ther heard in contre	cl or for	f shall to limited	a the amount ou	t by the client for	the										
analyses, All claims includes	o Delitages, Calculors labely and ca ig those for negligence and any other o adhas be tlable for locklental or consec	ause whatsnever shall be de	ented w	eszed unit	ss made in willing a	nd race	wed by Cardina w	lihin 30 days atte	r completion of th	طهد ادرده ه	e									
milliotes or sitocousots arisin	by out of or related to the performance	of services hereunder by Car	อ่-กุยโ. 79	gardiess	f witether such clair	is bas	ed upon any of the	above stated re	Phone Res	0.	☐ Yes		- 1A	ld'i Pho	100 #4					
Relinquished By	i .	Date: 12.28-10	Regi	oived **		Į			Fax Result	t:	U Yos			d'i Fax						
12.45 (lode de							LDOM	الموسود ا	REMARKS	):										
Relinquished By: Date: Received By:																				,
Timo:							· 													
Delivered By:	Delivered By: (Circle One) Sample Condition					tion	CHECK													
	ampler - UPS - Bus - Other; Good Intact (Interior Interior					pls)														

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

#26



December 30, 2010

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NORTH INDIAN BASIN UNIT #15

Enclosed are the results of analyses for samples received by the laboratory on 12/29/10 8:45.

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 Hydorcarbons

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

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 (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,

Celey D. Keene

Lab Director/Quality Manager